FOREIGN COMMERCE YEARBOOK

1948

UNITED STATES DEPARTMENT OF COMMERCE

U. S. DEPARTMENT OF COMMERCE
Charles Sawyer, *Secretary*

OFFICE OF INTERNATIONAL TRADE
R. C. Miller, *Director*

FOREIGN COMMERCE YEARBOOK

1948

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FOREWORD

With the 1948 Foreign Commerce Yearbook, publication is resumed of the annual series of compilations of selected basic economic statistics of foreign countries issued by the Department of Commerce prior to the war. The last Yearbook published presented trade and other summaries of principal economic statistics through 1939. The disruption of trade and the unavailability of statistics for many areas during the war years and for a considerable period thereafter made it impossible to resume publication of the series at an earlier date.

This Yearbook presents the highlights of the trade of 68 countries and related economic data. With respect to trade, detail for 1946 and 1947 is shown wherever possible, and for two immediate prewar years—in general, 1937 and 1938. With respect to the related economic information, data are included for a series of years starting with a representative prewar period and extending through 1947. Owing to divergencies in the data available, there is inevitable variation in the periods covered for individual countries.

Territorial changes which have taken place since the beginning of the war have been noted in the individual country sections.

Statistical information in this volume represents in the main a presentation, in highly condensed form, of official data published by the respective countries, supplemented by publications of international agencies and by information supplied by the United States Foreign Service and by other United States Government departments, derived generally from original foreign sources, sometimes unpublished.

The compilations have been prepared by staff members of the Areas Division under the general direction of Sara L. Deese and Philip M. Copp. The task of assembling the material has not been easy. Many changes have taken place in foreign statistical series since the war. Every effort has been made to present figures on a comparable basis for the prewar and postwar periods. This task has raised many problems which have not been fully resolved. In general, information for recent years must be regarded as preliminary and subject to correction.

CHARLES SAWYER
Secretary of Commerce

June 1949.

GENERAL EXPLANATORY NOTE

In general, the 1948 Foreign Commerce Yearbook retains the form of presentation employed in the preceding issues. The range of topics covered is the same as in the last prewar volume issued—the 1939 Yearbook—except that a financial section on each country has been added.

The dollar used in the conversion of foreign statistics of value is the current dollar. Abandonment of the practice of showing recent statistics in current dollars and those carrying comparisons back to years prior to 1934 in the former gold dollar has been dictated by the confusion occasioned by the use of two different "dollars" in the same publication. As the current dollar equal to one-thirty-fifth of an ounce of gold has been in existence only since 1934 (the former "gold" dollar represented one-twentieth of an ounce of gold), no dollar value comparisons in this issue of the Yearbook are carried back to earlier periods.

Difficulties of conversion of foreign values into dollars, already substantial before the war, have been greatly increased by the adoption by additional countries of systems of dual or multiple rates of exchange, by the conduct of part of the foreign trade of many countries on a bilateral compensation or barter basis under which valuations are nominal, and by the existence of varying degrees of internal inflation not directly related to the exchange rates.

Under these circumstances, conversion into United States dollars of values expressed in local currencies has been avoided in all cases where only the internal economy is involved (production, government finance, etc.). Foreign trade statistics have been converted into dollars at rates reflecting as closely as possible the average value of the foreign currency in terms of dollars in each year. It has been found necessary in most instances to use single conversion rates even for countries which have different exchange rates for different categories of commodities. The dollar valuations of the trade must therefore be regarded in most instances as approximations, which are subject to greater margins of error for the trade with individual countries and in individual commodities than for total imports and total exports.

In order to facilitate research by persons who wish to obtain more detailed statistics, or data for earlier or later years than those covered in the present volume, a list of principal sources has been added to the section for each country. As these are intended as general references, specific issues of annual, monthly, or other periodic publications are not mentioned unless the particular issues contain a type or range of information not available in other numbers.

FOREIGN COMMERCE YEARBOOK, 1948

EUROPEAN AND MEDITERRANEAN AREA

AUSTRIA

(See general explanatory note, p. vi)

HISTORICAL NOTE

At the end of World War I, the Austro-Hungarian Monarchy was dissolved and Austria became a republic in 1918. Almost 20 years later, in March 1938, Austria was formally absorbed into the German Reich. Prior to the end of hostilities of World War II in Europe, a provisional Austrian Government was organized (April 1945). Following the elections that were held in November 1945, a permanent Austrian Government was established in December of that year.

The respective jurisdictions of the Austrian Republic and of the Allied Commission for Austria (made up of the United States, the United Kingdom, the U.S.S.R., and France) were set forth in the Control Agreement of June 28, 1946.

AREA AND POPULATION

Area, 32,377 square miles. Population: December 1947 estimate, 7,091,286 (including estimated 500,000 displaced persons); November 1946, 6,973,335; 1939, 6,652,720; 1934 census, 6,760,233.

Population of cities, December 31, 1947, estimate, 1934 census in parentheses: Vienna (Wien), 1,730,613 (1,874,130); Graz, 226,259 (152,841); Linz, 184,336 (108,970); Salzburg, 106,919 (40,232); Innsbruck, 98,561 (61,005); Klagenfurt, 65,950 (29,761); Sankt Poelten, 38,759 (36,247); Villach, 30,788 (23,831); Wiener-Neustadt, 28,789 (36,798); Bregenz, 20,439 (14,836); Baden, 19,972 (22,208).

Education.—School attendance, winter term 1947–48: Elementary, age 6–14, 753,623; secondary, 56,204; teacher training, trade, continuation schools, 103,630; university, 29,417 regular students, 1,912 auditors.

Illiteracy estimated in 1938 at 0.12 percent.

AGRICULTURE

Land utilization, mid-May 1947 census, preliminary results, in thousand acres, with 1935 estimates in parentheses: Arable land, 3,983 (4,887); meadows, 2,606 (2,308); gardens, 136 (237); vineyards, 93 (83); pastures, 931 (850); alpine land, 2,169 (2,351); forests, 7,383 (7,808); other areas, 2,558 (891).

Livestock, December 3, 1947, 1934 data in parentheses: Cattle, 2,158,000 (2,348,627); sheep, 474,000 (263,400); goats, 310,100 (326,497); swine, 1,723,700 (2,822,966); horses 283,400 (261,217); mules and asses (November 18, 1947), 2,606 (908); poultry, 4,662,700 (8,872,063); beehives, 236,000 (407,610).

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1931–35, average	1936	1937	1946	1947	1931–35, average	1936	1937	1946	1947
Wheat	554	624	618	494	452	13,327	14,042	14,708	8,359	6,228
Rye	947	945	885	566	546	23,447	18,608	18,767	9,622	8,511
Barley	415	394	413	284	255	12,757	12,771	13,232	5,162	4,331
Oats	755	722	709	492	472	28,687	29,439	32,711	12,959	11,926
Corn	158	152	173	128	124	5,340	6,727	8,122	7,295	2,382
Potatoes	496	502	534	385	343	94,648	87,032	132,705	56,320	40,234
Sugar beets	111	90	99	40	52	[1] 1,125	[1] 913	[1] 1,008	[1] 225	[1] 255
Beet sugar						[1] 185	[1] 129	[1,2] 140	[1,3] 22	[1,4] 33
Grapevines	[5] 68	[5] 77	[5] 76	89	89	[6] 30,012	[6] 25,995	[6] 22,535	[6] 16,901	[6] 25,758
Fodder roots	[7] 254	[7] 256	[7] 225	[8] 205	[9] 217	[1,7] 2,411	[1,7] 2,304	[1,7] 2,558	[1,8] 1,195	[1,9] 1,192
Clover	583	625	452	628	[10,11] 477	[1,10] 1,095	[1,10] 1,411	[1,10] 966	[1,10] 522	([12])

[1] Unit, metric ton.
[2] Season ended following year.
[3] Excluding 7,052 metric tons of molasses (1946–47 campaign).
[4] Excluding 12,600 metric tons of molasses (1947–48 campaign).
[5] Acreage of grapes for wine only.
[6] Unit, gallon of wine.
[7] Includes mangolds, turnips, and kohlrabi.
[8] Includes fodder beets, turnips, carrots.
[9] Fodder beets only.
[10] Includes red clover, white clover, clover grass, and other clover.
[11] Preliminary results, census of mid-May 1947.
[12] Not available.

MINING AND MANUFACTURING

Textile equipment, postwar, with 1935 data in parentheses: Cotton (December 31, 1947), 527,612 (850,188) spindles, 13,986 (16,500) looms; wool (1946), 91,044 (135,000) spindles, 80,832 (51,000) worsted yarn spindles, 3,230 (3,900) wool and carded yarn looms.

Industrial production index (monthly average 1937 = 100): Average, 1947, 61.0; January 1947, 37.2; December 1947, 69.2; May 1948, 90.3.

Total persons employed: October 1947, 2,325,774; December 1946, 2,255,344; May 1939, 1,915,300. Jobs unfilled September 1947, 99,035.

Total number of workers insured for sickness, 1947 yearly average, 1937 data in parentheses: 1,845,200 (1,332,800); distributed as follows: Agriculture and forestry, 271,000 (285,600); mining and industry, manufacture, trade, 1,393,200 (897,100); federal railroads, 90,400 (73,800); federal employees, 90,600 (76,300).

Industrial Production

Product	1931–35, average	1936	1937	1946	1947
Coal ... 1,000 metric tons	238	244	230	108	178
Lignite ... do	2,970	2,897	3,242	2,402	2,836
Iron ore ... do	513	1,020	1,885	460	885
Magnesite[1] ... metric tons	61,027	98,582	109,536	24,636	75,828
Crude steel ... do	296,054	413,398	649,718	187,000	356,600
Pig iron ... do	141,827	248,118	387,600	57,900	278,500
Copper ore ... do	14,300	[2] 9,200	7,200	5,500	17,000
Lead, smelter ... do	5,418	8,732	11,006	4,500	3,800
Wood pulp ... do	109,800	82,090	110,000	32,000	44,000
Cellulose ... do	201,636	254,200	304,000	40,000	66,000
Paper ... do	198,532	178,530	232,000	95,000	113,000
Cardboard ... do	33,048	52,210	64,000	21,000	28,000
Cotton yarn ... 1,000 lb	47,723	69,131	73,854	13,228	[3] 19,350
Rayon ... do	1,124	1,874	([4])	2,204	9,319
Beer ... 1,000 gal	73,977	58,119	56,428	50,009	39,072

[1] Sintered.
[2] 1935.
[3] Estimate.
[4] Not available

TRANSPORTATION AND COMMUNICATION

Roads.—1946, 1936 data in parentheses: Total, 54,040 miles (53,400 miles); federal highways, 2,800 miles (2,760 miles); provincial roads, 940 miles (906 miles); roads maintained jointly by various provinces and communities, 800 miles (782 miles); district roads, 12,500 miles (12,380 miles); municipal roads, 37,000 miles (36,400 miles).

Road vehicles, licensed and serviceable July 1, 1947, September 1938 data in parentheses: Trucks, 23,373 (19,507); busses, 1,059 (2,581); tractors, 6,995 (2,831); special vehicles, 1,522 (1,683); private cars, 20,910 (40,453); motorcycles, 50,198 (87,750); trailers, 4,164 (3,251).

Railroads.—Total route length, 1946, 4,193 miles; 1939, 3,629 miles. Railroad equipment 1946, 1937 data in parentheses: Locomotives, 3,465 (2,549), unserviceable, 2,106; passenger rolling stock, 9,302, (8,559), unserviceable, 4,657; other rolling stock, 76,933 (35,154), unserviceable 22,828. Operation of federal railroads 1947, in train-kilometers, 1937 data in parentheses: Passenger trains, 13.25 million (34.11 million); freight trains, 15.07 million (19.24 million). Income and expenditures of federal railroads 1947, 1937 data in parentheses: Income, 710.8 million schillings (475.4); expenditures, 1,058.9 million schillings (471.1).

Aviation.—Under the Control Agreement neither the Austrian Government nor Austrian nationals may engage in air activity. Air transportation is effected almost entirely by military aircraft of the four occupying powers. Civil and military aircraft of these powers operate freely over their respective zones of occupation, and over zones within established corridors. The Pan-American Airways System commenced operations in Austria in June 1946, and the British European Airways initiated regular flights in the middle of 1947.

Postal service.—1946, 1937 data in parentheses: Offices, 2,701 (2,732); pieces of mail handled, 688,850,000 (988,928,000).

Telephone and telegraph services.—1946, 1936 data in parentheses: Telephone, telegraph, cable wire, 23,704 miles (not available); telephone stations, 171,356 (194,397); telegraph and cable offices, 2,656 (2,788); domestic telegraph and cable messages received and sent, 4,698,000 (875,161); international telegraph and cable messages sent, 443,651 (770,776); international telegraph and cable messages received, 351,022 (868,100); gross receipts (posts, telegraphs, cable, and telephones) 177,123,355 schillings (193,258,059 schillings).

FOREIGN TRADE

Per capita trade.—1947: Imports, $18.05; exports, $12.80.

Basis of trade statistics.—Both quantities and values are based on declarations; import values c. i. f., exports f. o. b. Data for 1937 and previous years are for special commerce (i. e., imports for consumption and imports for improvement or processing; exports of Austrian products and nationalized goods). Statistics for 1946 and 1947 represent commercial trade only, excluding all goods for which Austria did not have to make payment, such as UNRRA shipments, gift packages, and foreign aid.

Foreign trade values have been converted from schillings to United States dollars at the following rates: 1934, $0.1879; 1935, $0.1883; 1936, $0.1879; 1937, $0.1877; 1946 and 1947, $0.10.

Value of Imports and Exports

Year	Thousands of schillings		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	1,152,802	857,005	216,611	161,031
1935	1,206,197	894,987	227,127	168,526
1936	1,249,202	951,853	234,725	178,853
1937	1,453,695	1,216,885	272,859	228,409
1946	[1] 380,367	219,340	[1] 38,036	21,934
1947	[1] 1,191,206	842,392	[1] 119,121	84,239

[1] "Commercial" trade only (see "Basis of trade statistics").

Trade with Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports for consumption			Exports of Austrian products		
	1937	1946	1947	1937	1946	1947
Total [1]	**272,859**	**[2] 38,036**	**[2] 119,121**	**228,409**	**21,934**	**84,239**
United States	16,385	886	4,018	5,747	1,447	4,400
Brazil	1,694	233	2,458	690		110
Czechoslovakia	30,092	4,243	15,590	16,432	4,188	7,778
France	7,645	534	4,581	9,827	1,000	3,650
Germany	43,857	18,921	20,964	33,749	454	3,665
Hungary	24,721	795	3,426	20,871	469	3,635
Italy	15,065	1,996	8,761	32,398	3,835	13,488
Netherlands	5,383	457	3,014	3,958	92	3,032
Poland-Danzig	12,592	647	6,283	10,037	204	2,258
Rumania	16,408	22	246	12,873	4	419
Sweden	2,064	216	1,629	3,675	450	3,122
Switzerland-Liechtenstein	8,689	7,714	16,043	11,696	8,001	21,216
United Kingdom	12,349	269	10,925	12,183	292	4,544
Yugoslavia	21,642	322	2,589	12,494	674	1,796
Other countries	54,273	781	18,594	41,779	824	11,126
Percent of total:						
United States	6.0	2.3	3.4	2.5	6.6	5.2
Czechoslovakia	11.0	11.2	13.1	7.2	19.1	9.2
Germany	16.1	49.7	17.6	14.7	2.1	4.4
Hungary	9.1	2.1	2.9	9.1	2.1	4.3
Italy	5.5	5.2	7.4	14.2	17.5	16.0
Switzerland-Liechtenstein	3.2	20.3	13.5	5.1	36.5	25.2
United Kingdom	4.5	.7	9.2	5.3	1.3	5.4

[1] Excluding precious metals and coin.
[2] "Commercial" trade only (see "Basis of trade statistics").

Imports of Principal Commodities

Commodity		Quantity		Value (thousands of dollars)	
		1937	1947 [1]	1937	1947 [1]
Imports for consumption, total				**[2] 272,859**	**[2] 119,121**
Cattle for slaughter	number	15,442	618	1,630	29
Hogs	do	459,372	1,125	14,555	24
Poultry, dressed	1,000 lb	14,835	5	2,464	2
Sausage casings and bladders	do	5,211	131	1,282	46
Fish, fresh	do	10,275	15,581	710	1,963
Fish, prepared or preserved	do	11,451	9,633	998	1,018
Eggs	do	11,265	4	1,380	1
Hides and skins	do	13,216	382	2,187	208
Leather	do	3,261	74	2,868	145
Fur skins	do	182	52	1,032	154
Furs, dressed	do	280	13	1,753	113
Barley	1,000 bu	1,840	90	1,295	363
Corn	do	13,451	10	9,360	31
Oats	do	2,364	145	996	379
Rice	1,000 lb	79,257	1,127	2,136	134
Rye	1,000 bu	8,132	(3)	8,561	(4)
Wheat	do	8,173	2	10,439	1
Wheat flour	1,000 bbl	226	1	1,266	10
Fodders and feeds	long tons	180,509	9,066	5,728	384
Vegetables, fresh	1,000 lb	136,537	67,737	2,261	3,497
Vegetables, canned or prepared	do	8,723	14,864	236	2,273
Citrus fruits	do	62,643	7,984	2,029	573
Fresh fruits, other	do	141,564	29,330	3,964	1,317
Fruits, dried or canned	do	16,625	27	960	6
Nuts	do	35,153	37	1,883	4
Vegetable oils and fats, edible	do	16,072	2,754	1,266	828
Cocoa beans	do	12,110	2,514	1,409	675
Coffee	do	11,468	31	1,533	14
Sugar, refined	do	1,142	32,876	21	3,723
Wine in casks	1,000 gal	1,553	291	481	990
Rubber, crude	1,000 lb	9,261	3,249	1,569	597
Rubber manufactures	do	2,647	1,549	1,478	1,127
Oilseeds	do	57,581	20,275	2,042	1,766
Vegetable oils and fats, inedible	do	71,247	1,478	4,470	572

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity		Value (thousands of dollars)	
	1937	1947[1]	1937	1947[1]
Imports for consumption—Continued				
Seeds, alfalfa and clover....1,000 lb..	2,402	3,470	232	1,326
Sugar-beet seed....do....	4,564	2,115	249	713
Tobacco, unmanufactured....do....	17,828	6,264	5,554	4,102
Cotton, raw....do....	86,872	24,363	13,363	8,151
Cotton waste....do....	7,971	757	900	63
Cotton yarns....do....	5,071	441	2,411	272
Cotton fabrics....do....	6,694	184	5,113	267
Hemp and tow....do....	17,784	3,336	1,546	692
Jute....do....	16,777	99	832	15
Flax and tow....do....	4,187	2,369	417	466
Wool, unmanufactured....do....	18,983	9,072	6,763	4,921
Wool tops....do....	3,785	2,249	2,648	2,485
Wool yarns....do....	4,872	329	3,873	615
Wool fabrics....do....	1,480	91	2,473	278
Silk, raw and thrown....do....	456	24	1,154	119
Silk fabrics....do....	2,273	85	4,294	367
Rayon, filament and yarn....do....	4,278	1,714	2,334	1,033
Pulpwood....long tons..	22	39,651	(4)	829
Rags....1,000 lb..	51,495	1,842	2,721	279
Coal....1,000 long tons..	2,606	2,107	14,135	20,305
Lignite....do....	180	474	750	3,072
Coal briquets....do....	11	712	93	6,137
Coke....do....	542	115	4,201	2,506
Petroleum, crude....1,000 bbl..	722	....	2,780	....
Gasoline....do....	693	72	2,652	592
Mineral oils, other....do....	937	35	3,075	340
Aluminum oxide....1,000 lb..	16,512	31,168	432	772
Precious stones, cut but unset....	....	....	1,889	....
Steel mill products:				
Iron and steel scrap....long tons..	66,438	129	1,861	11
Tubular products and fittings....do....	6,612	4,244	739	898
Other kinds....do....	41,443	5,122	3,454	1,314
Ferroalloys....do....	9,237	2,650	3,153	1,284
Ores, all kinds; pyrites....1,000 long tons..	114	98	2,045	1,453
Copper, crude....1,000 lb..	42,340	506	6,094	73
Nickel, crude....do....	5,244	417	2,121	149
Zinc, crude....do....	9,245	4,904	867	541
Electrical machinery and apparatus....	....	....	3,486	1,167
Metalworking machinery....long tons..	1,725	1,125	1,419	1,677
Textile and sewing machinery....do....	2,768	267	1,745	292
Office appliances....do....	205	7	850	69
Passenger cars....number..	815	430	547	702
Coal-tar dyes....1,000 lb..	2,693	572	2,269	1,081
Pharmaceuticals....do....	1,061	244	1,649	767
Fertilizers and fertilizer materials....long tons..	126,840	40,830	3,103	1,830
Photographic and projection goods....1,000 lb..	806	143	1,488	333
Scientific and professional instruments and apparatus....do....	382	52	1,060	399
Books, printed matter....do....	11,500	548	3,889	398
Other merchandise....	....	....	47,894	20,999
Gold and silver....	....	....	1,354	11

[1] Data for 1947 are for "commercial" imports only (see "Basis of trade statistics").
[2] Excluding gold and silver.
[3] Less than 500 bushels.
[4] Less than $500.

Exports of Principal Commodities

Commodity		Quantity		Value (thousands of dollars)	
		1937	1947	1937	1947
Exports of Austrian products, total				[1]228,409	[1]84,239
Cattle	number	16,636	1,653	2,068	392
Beef and veal, fresh	1,000 lb	196	2,550	40	555
Milk and cream	1,000 gal	3,234	[2]67	1,286	[2]10
Butter, natural	1,000 lb	7,637		1,425	
Cheese	do	10,532	2	1,871	(3)
Hides and skins	do	11,532	135	2,756	161
Leather	do	3,015	8	2,922	33
Leather manufactures	do	599	59	2,126	410
Fur skins	do	191	10	863	36
Chocolate	do	449	882	243	425
Rubber manufactures	do	5,271	770	2,893	566
Cotton waste	do	11,214	101	1,354	10
Cotton yarns	do	30,675	3,940	9,200	2,568
Cotton fabrics	do	2,759	7,288	2,687	6,448
Cotton embroideries	do	2,248	18	3,326	48
Hemp yarns	do	5,756	76	1,242	31
Wool tops	do	3,036	532	2,595	524
Wool yarns	do	3,400	2,129	3,710	3,147
Wool fabrics	do	326	206	762	670
Wool felts	do	1,001	390	1,223	709
Wool knit goods	do	786	72	4,288	505
Silk fabrics	do	886	309	2,942	593
Rayon, filament and yarn	do	991	2,039	742	942
Wearing apparel and sewn articles	do	1,146	61	5,771	326
Hats and hat shapes	thousand	1,579	145	2,097	381
Wood and manufactures:					
Logs and hewn timber	long tons	561,202	1,322	5,388	40
Sawed lumber	do	715,475	78,901	15,430	3,880
Mine timber	do	51,527	26,413	305	316
Millwork	do	73	3,731	9	574
Other kinds	do	91,597	3,423	2,394	452
Pulpwood	do	259,987		2,457	
Wood pulp	do	183,300	9,167	10,989	1,340
Rags	1,000 lb	39,699	215	3,192	27
Paper and manufactures:					
Newsprint, printing and writing paper	do	184,698	58,884	6,246	5,056
Wrapping paper	do	50,433	6,874	1,961	481
Cardboard	do	72,027	22,361	1,759	1,303
Other kinds	do	27,533	15,914	3,658	2,370
Coke	long tons	5	20,061	(3)	525
Glass and products	1,000 lb	11,602	1,555	2,441	3,284
Magnesite brick	long tons	52,421	44,799	3,881	5,195
Magnesite	do	120,713	38,281	2,825	1,942
Precious stones, cut but unset				1,118	
Iron ore	1,000 long tons	377	34	1,462	162
Steel mill products:					
Pig iron	long tons	53,058	80,276	1,383	4,321
Iron and steel scrap	do	11,815	71,921	119	634
Ingots, blooms, billets	do	63,393	5,127	2,952	556
Rods and bars	do	64,490	20,220	12,021	4,544
Sheets and plates	do	25,976	20,760	3,066	3,074
Wire	do	11,096	12,317	997	1,491
Other kinds	do	24,862	4,764	4,610	1,057
Cutlery	do	757	72	855	145
Tools	do	3,858	1,351	3,026	2,472
Nonferrous metals:					
Aluminum, crude	1,000 lb	6,767	6,936	1,338	638
Brass and bronze, sheets and plates	do	8,446		1,541	
Copper and alloys, other	do	13,250	724	4,258	191
Lead, crude	do	11,322	3,946	518	460
Nickel and manufactures	do	4,725	25	2,882	3
Other kinds	do	3,906	768	1,630	500
Electrical machinery and apparatus				8,963	1,165
Metalworking machinery	long tons	1,395	85	1,319	377
Ball and roller bearings	do	293	265	585	859
Automobiles and chassis	number	1,528	135	2,175	324
Railway freight cars	do	4	192	7	481
Soda, calcinated	1,000 lb	35,894	58,503	601	1,809
Ammonium nitrate (mixed with limestone)	do		117,380		2,915
Scientific and professional instruments and apparatus	do	475	51	1,562	437
Books, printed matter	do	8,582	676	4,621	763
Other merchandise				41,433	8,586
Gold and silver				2,489	

[1] Excluding gold and silver. [2] Milk only. [3] Less than $500.

Trade with the United States by Principal Commodities

Commodity	Quantity		Value (thousands of dollars)	
	1937	1947[1]	1937	1947[1]
Imports for consumption from the United States, total	----------	----------	**16,385**	**4,018**
Bacon and lard ... 1,000 lb.	456	159	57	33
Sausage casings and bladders ... do.	1,980	----------	229	----------
Leather ... do.	130	(2)	255	4
Fur skins ... do.	2	11	20	36
Apples ... do.	4,333	----------	222	----------
Prunes ... do.	5,236	----------	181	----------
Tires and tubes ... do.	197	319	59	177
Rosin ... do.	1,681	825	66	97
Tobacco, unmanufactured ... do.	692	164	232	74
Cotton, raw ... do.	41,518	593	6,209	198
Cotton waste ... do.	2,717	----------	330	----------
Wool, unmanufactured ... do.	3	435	2	151
Wool tops ... do.	----------	39	----------	49
Wool yarns ... do.	----------	112	----------	244
Wool fabrics ... do.	----------	22	----------	49
Rags ... do.	2,673	19	107	3
Coal ... 1,000 long tons	----------	63,855	----------	880
Gasoline ... 1,000 bbl.	79	63	346	388
Kerosene ... do.	22	----------	86	----------
Gas oil ... do.	5	29	17	100
Lubricating oils and fats ... 1,000 lb.	12,321	1,767	509	205
Battery carbons and electrodes ... do.	166	409	30	67
Rare earths ... do.	(2)	17	11	60
Iron and steel scrap ... long tons	4,383	----------	132	----------
Ferroalloys ... 1,000 lb.	97	470	16	82
Copper, crude ... do.	21,970	----------	3,086	----------
Nickel, crude ... do.	2,022	----------	820	----------
Zinc, crude ... do.	1,221	217	58	29
Metalworking machinery ... long tons	31	115	50	171
Typewriters ... 1,000 lb.	108	2	147	7
Office appliances, other ... do.	47	(2)	132	3
Passenger cars ... number	85	9	97	32
Pharmaceuticals ... 1,000 lb.	17	4	10	42
Plastic materials ... do.	52	87	14	33
Phosphate rock ... long tons	9,838	----------	123	----------
Films ... 1,000 lb.	43	16	81	41
Other merchandise	----------	----------	2,651	763
Exports of Austrian products to the United States, total	----------	----------	**5,747**	**4,400**
Sausage casings and bladders ... 1,000 lb.	69	----------	77	----------
Cheese ... do.	1,222	----------	237	----------
Hides and skins ... do.	511	78	155	88
Leather ... do.	36	----------	47	----------
Leather manufactures ... do.	44	1	133	7
Fur skins ... do.	14	(2)	90	4
Furs, dressed, made up ... do.	4	----------	38	----------
Feathers, bedding ... do.	145	----------	73	----------
Glue ... do.	834	----------	54	----------
Cotton yarns ... do.	----------	113	----------	55
Cotton fabrics ... do.	67	76	83	100
Cotton embroideries ... do.	144	(2)	367	2
Wool yarns ... do.	30	128	32	152
Wool fabrics ... do.	21	37	48	126
Wool carpets ... do.	23	1	43	2
Wool knit goods ... do.	86	23	387	150
Silk fabrics ... do.	50	3	313	7
Rayon, filament and yarn ... do.	----------	647	----------	220
Wearing apparel and sewn articles ... do.	27	(2)	102	5
Hats and hat shapes ... thousand	150	(2)	156	(3)
Wood pulp, chemical ... long tons	1,677	1,606	75	222
Rags ... 1,000 lb.	669	----------	39	----------
Paper and manufactures:				
Newsprint ... do.	----------	2,950	----------	226
Stationery ... do.	100	----------	45	----------
Cardboard ... do.	2,281	430	40	18
Other kinds ... do.	331	233	18	26
Glass and products ... do.	655	[4] 81	670	[4] 2,564
Pottery ... do.	41	3	65	6
Magnesite, dead-burned ... long tons	23,057	----------	608	----------
Manicure implements ... 1,000 lb.	160	----------	52	----------
Hand tools, agricultural ... do.	70	133	28	105
Aluminum, crude ... do.	529	----------	71	----------
Copper and alloys, manufactures ... do.	76	(2)	77	1

See footnotes at end of table.

Trade with the United States by Principal Commodities—Continued

Commodity		Quantity		Value (thousands of dollars)	
		1937	1947[1]	1937	1947[1]
Exports of Austrian products to the United States—Continued					
Zinc ore	do	----	9,259	----	118
Optical goods	do	7	(2)	64	(3)
Books, printed matter	do	149	24	141	64
Paintings, art works and antiques	do	45	4	271	22
Other merchandise		----	----	1,048	110

[1] Import data for 1947 are "commercial" imports only (see "Basis of trade statistics").
[2] Less than one-half the unit.
[3] Less than $500.
[4] Includes "gablonz ware" (wares of metal, glass, or earthenware characterized by a special finish or glaze said to have originated in the town of Gablonz, Czechoslovakia).

FINANCE

Government Receipts and Expenditures (Millions of Schillings)

Item	Ordinary budget		Extra-ordinary budget expenditures	Total deficit
	Receipts	Expenditures		
1937, actual	1,460.0	[1] 1,580.0	----	120.0
1938, actual	2,530.1	2,525.9	584.1	580.0
1946, actual	2,693.6	2,465.9	[2] 1,228.1	1,000.4
1947, actual	2,988.9	2,987.1	[2] 488.9	487.1
1948, planned	5,092.0	5,091.3	[2] 598.4	597.7

[1] Total expenditures, ordinary and extraordinary.
[2] Including expenses for reconstruction, occupation costs, special transitional measures (such as care of displaced persons).

Public debt (1946 data expressed in 1946 schillings, 1937 data expressed in 1937 schillings).—Per capita debt, 1946, 255 schillings ($25.15 based on 1946 official exchange rate); 1937, 519 schillings ($97.40). Situation 1946, millions of schillings, 1937 data in parentheses: Total, 1,709 (3,482); guaranteed conversion loan 1934–59, 391 (560); guaranteed international loan 1930, 107 (302); guaranteed international loan 1933–53, 122 (203); other currency debts (includes obligations growing out of various currencies, mainly French francs, Belgian francs, Czechoslovak crowns, pounds sterling, and other credits including those resulting from aid given after the collapse of the Creditanstalt Bankverein in 1931), 28 (181); relief debts, (407); share in debts of former Austrian Empire, 249 (320); internal debt, 812 (1,509). (Total per capita debt calculated exclusive of obligation of 12,547 million schillings of Austrian Government to Austrian National Bank, representing debt of undetermined validity. This sum can be regarded as Austrian holdings of former Reich debt. Since 1946 it has been reduced to somewhat over 7 billion schillings.)

Currency and exchange.—The present currency unit is the Austrian schilling, which was put into circulation on December 21, 1945. The German reichsmark, which had circulated in Austria since April 25, 1938, was withdrawn on that date and exchanged for the schilling at a one to one rate. The currency unit from March 1, 1925, to April 25, 1938, had been the Austrian schilling, which was replaced by the German reichsmark at the rate of 2 reichsmarks for 3 schillings.

The Foreign Exchange Law of September 14, 1946, set the provisional exchange rates at 10 Austrian schillings to 1 United States dollar, with corresponding cross rates for other currencies, and these rates continued in effect throughout 1947. Currency in circulation includes bank notes issued by the Austrian National Bank only, in denominations from 5 schillings to 1,000 schillings, and subsidiary coins from 1 groschen to 1 schilling.

Exchange restrictions established in accordance with the Foreign Exchange Law of September 14, 1946, which provided among other things that all foreign exchange holdings must be declared to the Austrian National Bank. Exchange of United States and other currencies for schillings may be made only at the rates established by the Bank.

Situation of National Bank (Millions of Schillings)

Year	Note circulation	Gold reserves	Foreign exchange holdings	Claim against federal treasury	Call liabilities
End of 1937	944	243	161	612	253
October 7, 1946[1]	5,133	0.045	9	12,546	[2] 7,428
December 31, 1946	5,656	0.132	17	12,547	[3] 6,913
December 7, 1947[4]	4,326	[5] 48	49	12,346	[6] 8,124
January 23, 1948[7]	3,440	47	45	7,547	[8] 4,313
June 7, 1948	4,287	48	70	7,267	[9] 3,208

[1] First postwar weekly report.
[2] 4,314,521,000 schillings blocked.
[3] 4,015,445,000 schillings blocked.
[4] Data before second currency reform law effective December 10, 1947.
[5] Return of 47,400,000 schillings by Austrian occupation forces representing part of Austria's share in the German gold pot.
[6] 3,373,110,000 schillings blocked.
[7] First report after second currency reform.
[8] 2,034,000,000 schillings blocked.
[9] 1,865,000,000 schillings blocked.

Savings and checking accounts.—Total demand deposits of banking institutions in Austria, exclusive of National Bank deposits and interbank holdings, but including deposits partially blocked, as of December 1947, 4,463,900,000 schillings; total savings deposit including deposits partially blocked, for the same date, 944,700,000 schillings.

Prices.—Wholesale price index, December 1947 (December 1937 = 100): General index, 305.3; foodstuffs and stimulants, 292.6; industrial goods, 328.8.

PRINCIPAL SOURCES

Statistisches Handbuch fuer die Republik Oesterreich.
Mitteilungen des Direktoriums der Oesterreichischen Nationalbank.
Statistische Nachrichten.
Monatshefte der Statistik des Aussenhandels Oesterreichs.
Statistik des Aussenhandels Oesterreichs.

BELGIUM AND LUXEMBOURG

(See general explanatory note, p. vi)

BELGIUM

AREA AND POPULATION

Area, 11,754 square miles (including 382 added by Treaty of Versailles). Population, March 31, 1948, estimate, 8,461,240; 1947 estimate, 8,421,000; earlier census figures, 1880, 5,520,009; 1890, 6,069,321; 1900, 6,683,548; 1910, 7,423,784; 1920 (former boundaries), 7,405,569; 1920 (new boundaries), 7,465,782; 1930, 8,092,094.

Cities: Brussels (Bruxelles), with suburbs, 1930 census, 825,541 (1890, 500,007; 1910, 720,347; 1920, 756,105); 1945 estimate, 946,090. Other cities, 1930 census, with 1945 estimates in parentheses: Antwerp (Anvers), with suburbs, 414,812 (497,175); Liége, with suburbs, 252,297 (252,012); Ghent (Gand), with suburbs, 218,580 (219,812); Malines, 60,439 (60,729); Bruges, 51,399 (52,698).

Distribution of population by occupation (persons having an economic activity), 1930 census: Agriculture and forestry, 635,032; fishing, 2,572; industry, 2,047,905; commerce, 543,757; liberal professions, 140,336; public service, 168,661; domestics, 183,796; unclassified professions, 23,994.

Education.—School attendance as of December 31, 1945: Elementary and kindergarten, 1,080,675; secondary, 83,856; university, 14,350.

AGRICULTURE

Land distribution (acres), 1946: Arable land, 2,258,269; meadows and pastures, 1,894,894; orchards, 164,388.

Livestock, as of December 31, 1947, with 1937 in parentheses: Cattle, 1,588,000 (1,710,037); swine, 648,000 (866,033); horses, 288,000 (264,464).

Principal Crops: Area and Production
[Yearly averages and years]

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1937-38	1938-39	1945	1946	1947	1937-38	1938-39	1945	1946	1947
Wheat	430	306	415	341	188	20,062	9,406	11,390	13,448	4,850
Rye	381	336	287	259	210	15,157	13,739	5,945	8,700	7,204
Barley	77	47	166	153	203	4,088	2,342	5,190	6,752	8,405
Oats	526	640	418	469	568	42,783	49,879	25,284	34,171	37,134
Potatoes	363	366	225	195	------	119,710	122,098	44,643	54,270	------
Sugar beets[1]	121	133	94	109	------	1,202	1,669	878	1,486	------
Fodder beets[1]	203	215	210	213	------	4,596	5,460	4,098	6,157	------
Flaxseed	77	111	59	77	69	630	984	551	630	512
Flax straw[1]	------	------	------	------	------	177	234	144	191	120
Tobacco[2]	5	5	7	12	------	11,023	11,023	13,228	24,251	------
Clover[1]	173	138	------	------	------	469	326	417	506	------

[1] Quantity unit, metric ton.
[2] Quantity unit, pound.

MINING AND MANUFACTURING

General industrial production indexes (1937 = 100): 1948 (July), 85; 1947, 86; 1946, 71; 1945, 31.

Production of electrical energy (million kilowatt-hours): 1947, 7,212; 1946, 6,240; 1945, 4,524; 1938, 5,280; 1937, 5,544.

Unemployment, daily average of insured workers: 1946, 67,292 (wholly unemployed, 48,035; partially unemployed, 19,257); 1945, 144,579 (wholly unemployed, 115,113; partially, 29,466); 1939, 195,211; 1938, 173,913

Metallic Mines: Quantity and Value of Production

Item	1939	1940	1941	1942	1943	1944	1945
Iron ore:							
Quantity .... tons	177,370	80,450	131,790	113,300	127,890	43,590	29,800
Value .... 1,000 francs	6,090	3,136	6,481	5,761	7,068	2,805	2,844
Other metallic ores:							
Quantity .... tons	31,440	9,750	7,920	13,760	11,990	6,220	4,890
Value .... 1,000 francs	7,680	3,755	4,788	8,857	8,072	6,300	6,837
Total:							
Quantity .... tons	208,810	90,200	139,710	127,060	139,880	49,810	34,690
Value .... 1,000 francs	13,770	6,891	11,269	14,618	15,140	9,105	9,681

Industrial Production (Thousands of Metric Tons)

Product	1937	1938	1939	1944	1945	1946
Coal	29,859	29,585	29,843	13,529	15,718	22,779
Coke	5,522	4,398	4,957	2,047	2,039	3,859
Briquets	1,849	1,712	1,561	456	[1] 776	1,074
Pig iron	3,803	2,426	3,058	718	[1] 728	2,170
Crude steel[2]	3,777	2,212	3,036	610	[1] 703	2,227
Finished steel	2,890	1,762	2,236	467	[1] 613	1,802
Crude zinc	218	202	177	8	11	79

[1] Provisional figures.
[2] Includes semifinished steel.

TRANSPORTATION AND COMMUNICATION

Railways.—Principal company: Société Nationale des Chemins de Fer Belges (semi-private); data in following table. Minor private lines (1945): 81 miles with 40 locomotives, 75 passenger cars, 1,600 freight cars; passengers carried, 4,884,741; metric tons of freight, 552,908; operating revenue, 22,761,170 francs. Interurban lines, 2,990 miles.

Statistics of Société Nationale des Chemins de Fer Belges

Item	1938	1939	1944	1945	1946[1]
Length of line........miles..	3,011	3,014	3,090	3,086	3,080
Locomotives........number..	3,181	3,107	2,509	2,743	3,193
Passenger cars........do....	7,968	7,937	6,202	4,604	5,268
Freight cars........do....	106,848	105,157	41,137	55,388	79,146
Average capacity........metric tons..	17.7	17.7	18.3	18.3	19.0
Train-miles, total........thousands..	52,339	48,200	15,474	24,699	37,377
Passengers carried........do....	194,814	175,124	109,968	177,575	232,986
Passenger-miles........millions..	38,782	34,347	8,984	14,536	24,841
Freight carried........1,000 metric tons..	62,997	65,283	15,277	25,606	
Ton-miles........millions..	3,196	3,487	681	1,273	2,917
Gross receipts[2]........1,000 francs..	2,542,416	2,614,494	1,418,133	3,091,698	7,359,705
Passenger service........do....	833,151	775,909	698,265	1,494,972	2,748,968
Freight service........do....	1,652,239	1,751,358	576,757	1,469,315	4,372,835

[1] Complete figures not available.
[2] Including miscellaneous receipts not shown separately.

Posts, Telegraphs, and Telephones

Item	1937	1938	1943	1944	1945	1946
Postal service:						
Number of offices........	1,717	1,733	1,738	1,739	1,739	1,763
Pieces of mail........millions..	1,430	1,440	696	--------	--------	1,198
Gross receipts......1,000 francs..	450,378	472,374	498,661	451,599	575,095	932,126
Telegraphs[1]:						
Length of line........miles..	6,198	6,643	6,008	6,008	--------	--------
Length of wire........do....	34,836	34,766	--------	--------	--------	--------
Messages sent[2]......thousands..	6,561	5,441	3,429	2,422	5,345	9,842
Gross receipts......1,000 francs..	54,370	45,652	37,422	34,583	179,835	155,795
Telephones[3]:						
Length of wire........miles..	1,951,727	2,012,600	--------	--------	--------	--------
Number of instruments........	393,528	421,753	393,490	304,314	374,570	450,259
Gross receipts......1,000 francs..	394,764	335,535	355,005	333,522	498,925	828,137

[1] 1937—fiscal year beginning March 1; 1938—fiscal period from March 1 to December 31; 1943 and following years—fiscal year from January 1.
[2] Not including service messages.
[3] Telegraphs and telephones are under semiprivate monopoly.

Statistics of Civil Aviation

Item	1937	1938	1939	1943	1944	1945	1946
Distance flown miles..	1,686,991	2,070,038	1,495,233	1,687,430	1,853,015	1,974,581	4,554,183
Passenger-miles........	8,982,743	11,236,848	7,966,487	6,081,830	9,203,724	17,760,071	95,752,149
Passengers carried........	28,979	34,110	22,809	7,494	231,935	429,893	1,512,482
Mail and freight carried—metric ton-miles...	225,412	520,475	470,712	117,463	144,124	267,123	939,856

Water Transportation.—Inland waterways (navigable rivers and canals), 1,003 miles. Merchant marine oceangoing vessels, all power-driven (100 tons capacity or over) April 1947, 259,088 gross tons; 1937, 346,847 gross tons.

Entrances of Vessels in Foreign Trade

Item	1937	1938	1945	1946
Number of vessels........	19,185	17,815	4,329	6,080
Total capacity........1,000 net registered tons..	31,607	13,992	15,242	12,132

FOREIGN TRADE

Per capita trade (Belgium and Luxembourg combined).—1947: Imports, $224.05; exports, $161.40.

Basis of trade statistics.—Statistics for Belgium are not separately available. Statistics are for the Belgo-Luxembourgeoise Economic Union. Imports are for consumption. Exports are domestic and nationalized goods, i.e., including foreign goods transformed for export. Belgian fishery products as well as merchandise subject to repacking or resorting for reexport are excluded. Both quantities and values are based on declarations; import values c.i.f., export f.o.b.

The country of origin is that country from which the goods are first shipped in carrying out the terms of the purchase contract. Exportation of goods is charged to the country of final destination.

Foreign trade values have been converted from Belgian francs to United States dollars at the following rates: 1934, $0.04658; 1935, $0.03684; 1936, $0.03384; 1937, $0.03376; 1938, $0.03378; 1939, $0.03370; 1946-1947, $0.0228167.

Value of Imports and Exports

Year	Thousands of Belgian francs		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	14, 021, 997	13, 794, 794	653, 145	642, 562
1935	17, 325, 005	16, 146, 213	638, 253	594, 826
1936	21, 707, 531	19, 745, 228	734, 583	668, 179
1937	27, 662, 332	25, 689, 428	933, 880	867, 275
1938	23, 069, 160	21, 670, 448	779, 276	732, 028
1939	19, 831, 100	21, 782, 839	668, 308	734, 082
1946	56, 886, 678	29, 836, 464	1, 297, 966	680, 770
1947	85, 527, 988	61, 608, 907	1, 951, 466	1, 405, 712

Trade with Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports			Exports		
	1936-38 average	1946	1947	1936-38 average	1946	1947
Total	**818, 500**	**1, 297, 966**	**1, 951, 466**	**753, 876**	**680, 770**	**1, 405, 712**
United States	71, 314	262, 934	516, 920	55, 461	73, 700	61, 781
Canada	19, 912	49, 500	34, 269	7, 136	4, 617	10, 877
Argentina	44, 000	48, 923	65, 327	25, 119	23, 822	42, 291
Brazil	11, 350	24, 748	45, 986	8, 631	9, 086	22, 305
Chile	2, 898	1, 604	4, 218	1, 305	812	2, 643
Mexico	5, 944	797	6, 811	1, 298	1, 780	3, 509
Peru	1, 777	2, 489	4, 086	1, 169	911	1, 515
Uruguay	1, 791	1, 352	4, 751	1, 766	3, 411	5, 701
Venezuela	1, 997	434	1, 096	1, 287	2, 170	6, 638
Czechoslovakia	7, 997	12, 162	38, 631	5, 442	9, 759	24, 909
Denmark	4, 264	22, 310	36, 010	4, 449	27, 224	48, 797
Finland	9, 113	12, 924	19, 057	7, 530	9, 048	24, 840
France	108, 699	175, 482	221, 246	126, 664	101, 618	174, 142
Germany	92, 917	33, 755	52, 072	84, 383	3, 944	21, 551
Ireland	628	1, 266	(1)	5, 056	3, 058	(1)
Italy	5, 532	19, 708	25, 138	9, 089	12, 760	45, 553
Netherlands	70, 800	67, 315	114, 438	87, 723	102, 551	179, 428
Norway	8, 256	13, 440	19, 125	9, 672	25, 939	46, 055
Poland	12, 761	21	5, 575	9, 471	1, 042	4, 957
Portugal	3, 031	13, 676	21, 916	6, 097	11, 005	19, 595
Spain	4, 151	5, 233	15, 400	7, 106	989	12, 460
Sweden	14, 738	49, 369	67, 093	19, 292	40, 347	77, 412
Switzerland	9, 174	64, 347	78, 604	19, 124	74, 900	103, 971
United Kingdom	68, 703	218, 804	180, 929	104, 918	44, 126	138, 131
U.S.S.R.	24, 371	1, 191	8, 593	13, 410	199	1, 864
Yugoslavia	5, 690	46	1, 726	2, 033	54	2, 734
Algeria	1, 154	2, 069	2, 217	1, 212	1, 393	3, 312
Belgian Congo	64, 581	85, 371	142, 177	11, 613	15, 430	32, 897
Egypt	2, 664	3, 184	6, 381	8, 579	9, 934	27, 068
French Morocco	1, 641	2, 624	3, 268	2, 999	2, 386	4, 548

[1] Not reported.

Trade with Principal Countries (Thousands of Dollars)—Continued

Country of origin or destination	Imports 1936-38 average	Imports 1946	Imports 1947	Exports 1936-38 average	Exports 1946	Exports 1947
Gold Coast	654	200	(1)	788	710	(1)
India	24,779	13,158	34,258	13,243	2,289	15,896
Tunisia	728	1,989	2,246	687	859	1,728
Turkey	2,277	5,235	10,285	1,317	1,193	9,079
Union of South Africa	5,681	13,811	13,446	8,555	7,735	27,868
Australia	28,258	33,142	48,038	3,653	2,084	13,136
Other countries	74,275	33,353	100,133	76,599	47,885	186,521
Percent of total:						
United States	8.7	20.3	26.5	7.4	10.8	4.4
United Kingdom	8.4	16.9	9.3	13.9	6.5	9.8
Netherlands	8.6	5.2	5.9	11.6	15.1	12.8
France	13.2	13.5	11.3	16.8	14.9	12.4
Germany	11.4	2.6	2.7	11.2	.6	1.5
Switzerland	1.1	5.0	4.0	2.5	11.0	7.4
Belgian Congo	7.9	6.6	7.3	1.5	2.3	2.3

[1] Not reported.

Imports by Principal Commodity Groups

Commodity group	Quantity 1946	Quantity 1947	Value Percent 1936-38	Value Thousands of dollars 1946	Value Thousands of dollars 1947
Total			100.00	1,297,966	1,951,466
Live animals, fresh meat and fish, 1,000 lb.	135,012	298,990	.83	13,818	34,591
Meat and fish preparations, do.	176,950	157,618	.53	30,329	35,729
Hides and skins, wool, hair, feathers and bristles, do.	313,252	311,049	9.91	97,514	117,211
Cereals: grain and flour, do.	2,718,759	3,346,422	11.87	42,636	106,405
Vegetables, do.	438,118	(2)	.97	14,697	(2)
Fruit and plant preparations, do.	(2)	165,793	.20	(2)	21,964
Fruit, table, do.	328,439	566,097	1.26	24,614	48,306
Fatty substances and vegetable juices, do.	200,724	280,941	1.66	21,787	36,332
Farm products, do.	82,600	103,025	.95	24,354	44,708
Miscellaneous foodstuffs, do.	98,169	54,260	.14	28,362	26,471
Beverages: alcoholic liquors and vinegars, do.	124,231	98,969	.88	36,730	22,921
Colonial products, do.	150,792	232,777	1.40	21,442	39,390
Tobacco, do.	37,291	(2)	.63	15,468	(2)
Cotton yarn and fabrics, do.	(2)	12,141	.73	(2)	24,552
Clothing, lingerie and ready-to-wear articles, do.	30,275	37,990	.79	27,377	52,624
Vegetable textile materials, do.	550,932	605,368	6.21	55,693	91,190
Wool yarn and fabrics, do.	(2)	8,016	.74	(2)	20,910
Silk, floss silk, and artificial silk, do.	6,089	8,128	.67	32,160	36,130
Wood and wood products, do.	1,793,852	1,808,231	3.35	27,538	48,048
Paper, cartons and paper products, do.	246,816	267,526	1.24	26,387	34,306
Mineral fuel and products, 1,000 long tons	4,018	7,447	5.01	33,314	93,800
Mineral oils and other bituminous products, do.	926	2,063	2.96	26,751	60,115
Earths and stones, do.	2,953	3,862	6.11	72,278	63,816
Ores, slag, ashes, long tons	6,430,539	7,663,168	5.98	48,790	88,842
Iron, cast. iron and steel, do.	216,093	383,110	2.94	24,266	42,359
Copper, 1,000 lb.	390,754	497,949	4.10	43,661	82,206
Machines, electrical apparatus, electro-technical apparatus and parts, long tons	9,778	16,220	1.67	25,332	46,372
Boilers, machines, engines, apparatus and parts, do.	140,536	95,555	3.32	75,395	102,974
Automobiles, cycles and other vehicles, do.	75,094	111,198	2.63	53,792	117,780
Chemical and pharmaceutical products, 1,000 lb.	184,889	348,446	1.40	20,729	32,365
Dyeing and tanning materials, paints lacquers, varnishes, and mastics, do.	57,608	76,918	.98	15,846	22,203
Other merchandise			17.94	316,906	356,846

[1] Detailed commodity breakdown not available for the postwar period.
[2] Not reported.

Exports by Principal Commodity Groups [1]

Commodity group	Quantity		Value		
			Percent	Thousands of dollars	
	1946	1947	1936-38	1946	1947
Total			**100.00**	**680,770**	**1,405,712**
Hides and skins, wool, hair, feathers and bristles 1,000 lb	19,418	77,536	7.71	24,732	59,003
Cotton, yarn and fabrics do	28,479	65,494	4.67	26,747	80,357
Clothing, lingerie, ready-to-wear articles all kinds do	(2)	27,156	1.03	(2)	22,920
Vegetable textile materials do	107,395	164,221	3.95	32,839	53,944
Flax, hemp, ramie, jute and other vegetable textile materials, excluding cotton do	30,873	39,493	2.03	19,248	29,278
Wool, yarn and fabric do	10,659	27,200	2.47	13,645	51,948
Silk, floss silk and artificial silk yarn and fabric do	5,123	8,128	.57	7,018	14,662
Paper cartons and paper products do	33,362	63,867	1.28	9,240	18,252
Mineral fuels and products 1,000 long tons	888	2,078	5.66	15,790	46,848
Petroleum and products do	(2)	740	1.27	(2)	21,118
Precious stones	(2)	(2)	5.27	53,195	47,500
Earths and stones 1,000 long tons	2,594	3,669	3.74	27,082	41,846
Glass and glass products 1,000 lb	207,462	440,836	2.51	21,466	48,994
Iron, cast-iron and steel 1,000 long tons	1,577	2,249	17.46	179,547	321,277
Copper 1,000 lb	166,855	289,490	4.25	28,729	74,669
Tin and tin manufactures do	(2)	29,121	1.11	(2)	21,752
Zinc and zinc manufactures do	69,696	123,548	2.06	8,548	16,849
Boilers, machines, engines, apparatus and parts long tons	72,817	119,054	3.13	38,534	69,473
Machines, electrical apparatus, electrotechnical apparatus and parts do	6,693	20,490	1.76	12,416	38,353
Automobiles, cycles and other vehicles do	(2)	17,862	1.49	(2)	16,389
Chemical and pharmaceutical products 1,000 lb	418,096	724,376	2.12	15,816	37,301
Dyeing and tanning materials, paints, lacquers, varnishes, and mastics do	44,654	94,879	.74	7,454	18,098
Prepared chemical fertilizers long tons	752,995	1,553,036	3.35	26,391	63,889
Other merchandise			20.37	112,333	190,992

[1] Detailed commodity breakdown not available for the postwar period.
[2] Not reported.

Trade with the United States by Principal Commodity Groups [1]

Commodity group	Quantity		Value (thousands of dollars)	
	1946	1947	1946	1947
Imports from the United States, total			**262,934**	**516,920**
Cereals: grain and flour long tons	764,128	760,680	24,700	51,469
Farm products do	19,485	17,951	12,111	15,603
Miscellaneous foodstuffs, excluding flour, meat, cocoa, fruit and sugar 1,000 lb	(2)	178,187	(2)	23,606
Fruit and plant preparations do	(2)	146,297	(2)	17,906
Fruits, table do	(2)	207,647	(2)	17,675
Tobacco do	(2)	27,416	(2)	11,772
Clothing, lingerie and ready-to-wear articles of all kinds do	(2)	17,518	(2)	27,796
Vegetable textile materials do	60,701	65,489	12,208	20,997
Mineral fuels and products 1,000 long tons	(2)	4,305	(2)	51,661
Petroleum and products do	495	425	15,954	17,282
Earths and stones do	63	103	11,573	11,593
Machines, electrical apparatus, electro-technical apparatus, and parts long tons	(2)	5,387	(2)	13,383
Boilers, machines, engines, apparatus and parts do	(2)	16,431	(2)	31,267
Automobiles, cycles and other vehicles do	22,530	53,156	15,252	51,787
Other merchandise			171,136	153,123

See footnotes at end of table.

Trade with the United States by Principal Commodity Groups[1]—Continued

Commodity group	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1946	Value (thousands of dollars) 1947
Exports to the United States, total			**73,700**	**61,781**
Vegetable textile materials ......1,000 lb.	15,432	12,712	5,295	4,340
Flax, hemp, jute, ramie, and other vegetable textile fibers excluding cotton ......do.	7,718	4,019	6,594	3,197
Precious stones	(2)	(2)	44,011	28,362
Earths and stones ......long tons	12,729	(3)	4,499	(3)
Copper and copper manufactures ......1,000 lb.	(2)	2,795	(2)	4,117
Tin and tin manufactures ......do.	(2)	6,905	(2)	5,476
Other merchandise			13,301	16,289

[1] Detailed commodity breakdown not available for postwar period.
[2] Not reported. [3] Not shown separately.

FINANCE

Government Receipts and Expenditures [1] (Millions of Belgian Francs)

Item	1938	1945 [2]	1946 [2]
Receipts, Budget of Ways and Means [3]	**12,900**	**16,289**	**46,522**
Taxes	9,527	14,436	25,518
Customs	1,544	100	400
Excise and consumption	1,504	1,763	2,447
Income and supertax and national crisis tax, etc.	2,555	5,925	10,250
Registrations (sales, mortgages, stamps and turn-over, etc)	3,334	4,364	9,950
Motor vehicles and bicycles [3]	195	115	140
Amusements	117	263	425
Other taxes	279	1,920	1,913
Tolls (marine and postal)	496	476	797
Reimbursement of expenditures relative to the war	-------	474	840
Reparations	27	4	12
Repayments	440	500	581
Capital and revenue	360	272	355
Extraordinary receipts (loans, etc.)	1,792	21	18,314
Compensatory receipts	258	114	104

Item	1938	1945 [2]	1946 [2]
Expenditures, total	**14,482**	**55,998**	**58,327**
Expenditures, ordinary	**11,953**	**53,517**	**36,695**
Public debt	2,584	5,974	6,423
Pensions	2,692	4,410	4,467
Justice	317	1,202	1,242
Foreign Affairs	96	323	282
Interior and Public Health [4]	129	4,369	1,703
Agriculture and supplies [5]	70	5,770	2,436
Education	1,249	2,766	2,583
Public Works	267	4,079	2,251
Labor and social security	1,086	2,007	1,197
Economic affairs	38	3,385	1,575
Colonies	12	20	21
National defense	1,100	9,377	3,987
Gendarmerie	150	660	600
Finances	405	1,697	1,296
Transportation	203	3,335	2,254
Posts, telegraphs, telephones	400	-------	-------
Victims of the war	-------	1,997	457
War damages	-------	5	1,610
All other ordinary	1,144	2,138	2,217
Expenditures, extraordinary	2,528	2,482	21,632

[1] The fiscal year runs parallel with the calendar year, but the books are held open for several months and changes in the accounts are made thereafter for several years.
[2] Budgetary evaluation.
[3] The Budget of Ways and Means consists of four categories: Ordinary receipts (taxes, tolls, capital and revenue receipts, and reimbursements), exceptional receipts, compensatory receipts, and reparation receipts.
[4] As of 1945 separate Ministries of Interior and Health were established; expenditures, in million francs, were 2,000 and 2,369, respectively, in 1945, and 872 and 873, respectively, in 1946.
[5] As of 1945 separate Ministries of Agriculture and Supplies were established; expenditures, in million francs, were 140 and 5,631, respectively, in 1945 and 186 and 2,250, respectively, in 1946.

Public Debt (Millions of Currency Specified)

Dec. 31—	In Belgian francs: Total	In Belgian francs: Internal	In Belgian francs: External	Dollars	Pounds sterling	French francs	Guilders	Swiss francs	Swedish crowns	Canadian dollars
1939	59,608	40,608	19,000	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1940	74,686	55,849	18,837	427	21	1,312	86	-------	18	-------
1943	136,671	119,720	16,951	421	21	702	53	-------	17	-------
1944	187,568	162,596	24,972	434	20	689	28	-------	14	-------
1945	224,822	199,515	25,307	434	19.5	675	-------	[2] 67	14	18
1946	273,612	242,745	30,867	527	19	660	-------	-------	[3] 60	57

[1] Not available. [2] Debt to Netherlands in Swiss francs.
[3] Debt to the Netherlands reimbursable in florins, Swiss francs or Swedish crowns, whichever is more favorable to the bearer and at his choice. (At face value 1 florin = 2.40 Swiss francs, or 2.15 Swedish crowns.)

Public Debt Position, by Terms of Debt [1] (Millions of Francs)

December 31—	Funded debt			Medium term		Short term		
	Domestic	Foreign	Total	Domestic	Foreign	Domestic	Foreign	Total
1938	35, 590	18, 960	54, 550	1, 300	----------	460	733	1, 19[illegible]
1945	52, 328	24, 610	76, 938	34, 239	----------	96, 090	697	96, 78[illegible]
1946	104, 665	30, 383	135, 048	28, 577	----------	93, 283	484	93, 76[illegible]
1947	98, 447	29, 926	128, 373	27, 471	----------	104, 128	226	104, 35[illegible]
1948, March 31	97, 058	29, 786	126, 844	27, 225	2, 192	109, 057	44	109, 10[illegible]

[1] Data in this table do not include sight debts held in postal checking accounts, as follows (in millions of francs): 1945, 16,524; 1946, 15,866; 1947, 16,798; 1948, March 31, 16,992.

National Bank.—(Figures in millions of Belgian francs, closing statement for December of the years 1937 to 1946, consecutively): Note circulation, 21,460, 22,018, 27,898, 34,425, 48,245, 67,718, 83,710, 38,835, 69,892, 72,162; reserves, 17,613, 17,128, 21,132 (includes reserves in foreign currency), 21,666, 21,580, 21,579, 21,579, 32,094, 31,383, 32,223. (1944 and subsequent years revalued in the new franc as specified in the following section on currency and exchange.)

Currency and exchange.—The belga, currency unit established on October 25, 1926, (equivalent to 5 francs) was abolished by a decree dated January 8, 1946, which became effective on February 12, 1946. The belga was used, however, only in foreign transactions. On September 5, 1944, the exchange rate per dollar was changed from Belgian francs 31.25 to Belgian francs 43.8275. The change in the exchange rate was brought about by Decree No. 5 of May 1, 1944, published on September 5, 1944, by the Belgian Government at London which set the rate at Belgian francs 176.625 to the pound sterling. The same decree suspended the gold content of the franc as fixed by the Royal Decree, dated March 31, 1936.

Average Exchange Rates of the Belgian Franc
(Averages of certified noon buying rates in New York for cable transfers)

Year	Rate	Year	Rate	Month	1946	1947	Month	1946	1947
1924	$0.0464	1939	$0.0337	Jan	$0.0228	$0.0228	July	$0.0228	$0.0228
1933	.0358	1940	[1] .0338	Feb	.0228	.0228	Aug	.0228	.0228
1934	.0466	1941	--------	Mar	.0228	.0228	Sept	.0228	.0228
1935	.0368	1942	--------	Apr	.0228	.0228	Oct	.0228	.0228
1936	.0368	1943	--------	May	.0228	.0228	Nov	.0228	.0228
1937	.0338	1944	--------	June	.0228	.0228	Dec	.0228	.0228
1938	.0338	1945	[1] .0229						

[1] Average of daily rates for that part of year during which quotations were certified.

PRINCIPAL SOURCES

Bulletin Mensuel du Commerce avec les Pays Etrangers, Union Economique Belgo-Luxembourgeoise (prewar).

Bulletin de Statistique, Royaume de Belgique, (postwar).

Annuaire Statistique de la Belgique et du Congo Belge.

LUXEMBOURG

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 999 square miles. Population resident, December 31, 1935, census, 296,913; December 31, 1946, estimate, 290,000. City of Luxembourg, 1946 estimate, 60,000 (59,013, August 20, 1945).

AGRICULTURE

Land distribution (acres), 1946: Arable land (including orchards), 271,313; meadows and pastures, 141,472; woods and forests, 205,548; vineyards (1945), 3,047.

Livestock as of May 25, 1946, with figures for 1945, and 1938 in parentheses: Cattle, 118,080 (110,586, 107,417); sheep, 10,447 (8,901, 8,465); goats, 1,760 (1,930, 3,107); swine, 78,290 (88,270, 154,727); horses, 15,957 (15,245, 18,017); poultry, 294,271 (301,539, 549,-076).

Principal Crops: Area and Production

Crop	Area (acres)				Production (thousands of units–bushels, except as indicated)			
	1937	1938	1946	1947	1937	1938	1946	1947
Wheat	46,126	56,949	31,433	39,323	1,206	1,830	534	927
Rye	15,619	17,930	12,301	13,329	392	507	281	340
Barley	4,710	4,623	8,051	8,325	124	140	203	266
Oats	64,076	61,303	52,146	53,423	2,692	2,864	2,045	2,589
Potatoes	42,958	42,588	19,274	19,659	7,545	10,492	3,926	4,931
Wine					[1]1,547	[1]2,153		

[1] Unit, gallon.

MINING AND MANUFACTURING

Industrial Production

Item	1937	1938	1942	1943	1944	1945	1946
Iron ore:							
1,000 metric tons	7,766	5,141	5,110	5,253	2,913	1,406	2,247
Average value in francs per metric ton	19.39	22.25	[1]38.75	[1]40.0	[1]43.75	88.10	80 to 110
Pig iron:							
1,000 metric tons	2,513	1,551	1,689	2,290	1,348	316	1,365
Value in 1,000 francs	1,130,628	678,433	1,140,157	1,574,196	926,904	458,892	2,115,612
Steel:							
1,000 metric tons	2,510	1,437	1,565	2,152	1,259	259	1,295
Value in 1,000 francs	1,412,007	772,121	1,330,287	1,883,272	1,101,869	492,273	2,591,547

[1] Converted from reichsmarks at the rate of RM 1.00 equals Belgian francs 12.50.

BULGARIA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 42,796 square miles. Population, December 1946 census, 7,022,206; January 1938 estimate, 6,280,000; 1934 census, 6,077,939. Urban population, December 1946 preliminary census figures, 24.6 percent. Leading cities, December 1946 census: Sofia (Sofiya), 366,925, with suburbs, 434,888; Plovdiv (Philippopolis), 125,440; Varna, 77,792; Ruse (Ruschuk), 53,420; Burgas, 43,684.

Education.—1945–46: 9,274 schools, with 33,225 teachers and professors and 1,206,206 students (of whom kindergarten, 19,335; elementary, 595,816; pre-gymnasium, 311,504; gymnasium, 183,313; higher learning and universities, 44,379; trade and professional schools, 51,532; and others, 327). Illiteracy estimated at about 25 percent.

AGRICULTURE

Land distribution, 1946, in thousand acres: Arable, 11,174 (41 percent), of which permanent grass, 641; permanent cultures, such as vineyards and orchards, 524; uncultivated land, 16,215, including forest lands, 9,098 (7,600 with trees). Number of farms, 1,094,904.

Livestock, as of September 1946, with 1934 December census data in parentheses (thousands): Horses, 499 (532); sheep, 7,982 (8,839); cattle and buffaloes, 1,721 (1,873); swine, 719 (902); goats, 863 (913); poultry, including geese, ducks, and turkeys, 6,399 (12,773).

Forestry.—Area of 7,373,000 acres, yielding over 600,000,000 board feet of timber in 1940–41 for all uses.

Fishing.—Annual catch estimated at between 4,000 and 7,000 metric tons.

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units–bushels, except as indicated)				
	1937	1938	1943	1946	1947	1937	1938	1943	1946	1947
Wheat	2,968	3,448	3,329	3,291	3,113	64,909	78,950	55,045	55,776	33,510
Rye	523	464	418	383	400	9,387	7,397	5,823	5,693	3,740
Barley	530	555	525	407	472	15,153	16,296	11,367	7,808	6,017
Oats	370	355	414	314	385	10,094	6,138	10,417	6,752	5,305
Corn	1,676	1,731	1,949	1,794	1,879	33,828	20,956	20,692	16,692	30,825
Potatoes	55	49	97	46	35	5,366	2,333	8,076	1,738	2,278
Tobacco	101	77	134	180	-------	[1] 69,052	[1] 57,099	[1] 83,554	[1] 88,184	-------
Sugar beets	25	29	71	* 72	-------	[2] 181	[2] 129	[2] 350	* [2] 239	-------
Beet sugar[3]	-------	-------	-------	-------	-------	[2] 30	[2] 20	[2] 43	[2] 30	-------
Sunflower seed	443	468	377	* 360	-------	[1] 332,396	[1] 259,041	[1] 170,636	[1] 157,629	-------
Attar of roses	[4] 14	[4] 14	[4] 8	[4] * 7	-------	[5] 92	[5] 61	[5] 40	[5] 28	-------
Mulberry leaves	-------	[6] 9	[6] 11	[6] * 12	-------	-------	[1] 43,872	[1] 163,802	-------	-------
Cocoons	-------	-------	-------	-------	-------	[1] 3,527	[1] 4,803	[1] 3,987	-------	-------

* Preliminary figures.
[1] Unit, pound.
[2] Unit, metric ton.
[3] Seasons ended following year.
[4] Area bearing; mostly for attar, to a lesser extent for concrete of roses.
[5] Unit, ounce.
[6] Acreage, mulberry orchards.

Estimated Meat Production, 1937–46 (Metric Tons)

Item	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
Beef and veal	38,709	39,242	38,058	35,589	43,361	45,460	68,916	32,575	31,006	24,589
Buffalo meat	9,435	8,828	8,082	7,429	7,408	7,491	11,508	4,859	5,045	3,846
Mutton and lamb	39,461	38,181	38,799	40,040	35,430	46,453	47,617	40,767	22,061	22,999
Goat meat	4,540	4,222	4,003	3,078	2,388	2,197	2,331	3,100	1,899	2,535
Pork	82,120	75,914	73,565	70,323	72,339	86,990	77,015	36,000	54,781	42,981
Poultry meat	38,125	33,309	28,488	26,451	24,417	22,380	20,344	17,947	18,138	20,855
Total	212,390	199,696	190,995	182,910	185,343	210,971	227,731	135,248	132,930	117,805

MINING AND MANUFACTURING

Production of principal mineral products, yearly average for period 1936–40, inclusive (in metric tons unless otherwise specified): Lignite, 1,999,400; bituminous coal, 143,200; anthracite, 4,580; briquets, 72,635; coke, 4,183; iron ore, 17,061; manganese ore, 1,866; chromium ore, 2,923; copper, 192; lead ore, 245; lead-zinc ore, 1,200; gold (kilograms), 155; salt (rock), 11,033; kaolin, 7,875; the following products, yearly average for period 1936–38, inclusive (in metric tons): cement, 142,667; salt (other than rock), 52,287; silver (kilograms), 225. Coal production (in metric tons), monthly average, 1939 to 1947, consecutively: 190,428; 230,459; 250,328; 305,580; 338,087; 256,739; 296,889; 292,729; 337,207.

Industrial production.—General index (1937 = 100) 1938 to 1947, consecutively: 109; 115; 128; 136; 131; 127; 112; 129; 132; 153.

Indexes of Production of Certain Commodities (1939 = 100)

Year	Paper	Cement	Chemicals	Mine, quarry, salt	Vegetable oil	Flour	Sugar
1945	95.5	91.5	94.5	163.8	63.4	91.6	69.8
1946	86.0	99.7	112.4	165.0	60.5	131.7	118.0

Tobacco industry, State monopoly. Manufactured tobacco output (1,000 lb.) 1938 to 1945, inclusive, consecutively: 76,265; 65,951; 80,882; 105,890; 89,886; 61,978; 74,826; 45,774. Output of tobacco products (1,000 lb.) 1938 to 1945, consecutively: 10,108; 10,619; 11,427; 16,673; 16,140, 18,766; 21,082, 23,898.

Electric power.—Production of electric energy (1,000 kw.-hr.): Annual averages, 1939 to 1947, consecutively: 22,175; 24,582; 25,321; 26,478; 28,361; 25,898; 33,438; 36,449; 39,985.

Industrial census, 1934.—Establishments (home industries excluded) 172,087; employees, 362,911. Establishments employing motor power, 87,810; employees, 222,687; horsepower, 364,323. Industrial establishments State "encouraged" (by tariff protection, etc.), 1,118, with 36,393 workers.

Employed industrial workers: 1945, 111,409; 1946, 118,392. Unemployment (registered) 1939 to 1947, consecutively: 31,438; 31,764; 31,057; 26,453; 25,073; 20,881; 17,852; 14,208; 11,211.

TRANSPORTATION AND COMMUNICATION

Highways.—Total, 1946, 14,075 miles.

Railways.—Trackage in 1946 totaled 2,103 miles of standard-gage and 247 miles of narrow-gage lines, all single track. Standard-gage line equipment, 1945 (estimates): locomotives, 704; passenger cars, 990; freight cars, 8,338. Railroads state owned and exploited. Daily runs average about 490 trains. Operating data: Passengers carried (in millions) 1938, 11.6; 1939, 12.8; 1945, 29.3; 1946, 34.1; freight carried (million metric tons) 1938, 6.2; 1939, 6.4; 1945, 6.8; 1946, 7.1.

Airways.—Prior to World War II, German, French, and Polish air lines served Bulgaria, with loading points at Sofia. Soviet Aeroflot Corporation inaugurated in July 1947 Sofia-Moscow Airline, with intermediary stops at Bucharest and Odessa, running 10 planes monthly in each direction with cargo, passengers, parcel post and mail. The only Bulgarian air line operating in September 1947 was that over the short Sofia-Bourgas route.

Post, telegraphs and telephones (all state operated).—Post offices (1940), 870; letters and post cards handled (1940), 121,285,000; parcels handled (1939), 976,123. Telegraph stations (1941), 963; telegraph lines (1940), 228 miles; 4,770 miles of telegraph wire; 4,008,000 messages sent. Telephone lines (1940), 13,976 miles; total length of telephone wire (1941), 114,500, of which 66,500 miles were interurban; telephone instruments (1940), 32,210 and (1946) 52,765; number of telephone calls (1939), 56,909,000, of which 88,000 were international. Gross receipts, posts, telegraphs, and telephones, 1944 to 1946, consecutively: (thousand leva) 580,234; 1,351,793; 1,784,309.

FOREIGN TRADE

Per capita trade.—1947: Imports, $10.65; exports, $12.20.

Basis of trade statistics.—Tables show special commerce (i.e., imports for consumption and imports for improvement and processing; exports of Bulgarian products and nationalized goods). Both quantities and values are based on declarations; import values c.i.f., exports f.o.b. Since 1935 imports are charged to the country of production and exports to the country of real destination. Statistics in prewar years exclude transit trade but include bullion and specie; exclude ships' stores except those exported in foreign vessels.

Foreign trade values have been converted from leva to United States dollars at the following rates: 1934, $0.01285; 1935, $0.01295; 1936, $0.01296; 1937, $0.01285; 1938, $0.012424; 1945, 1946, and 1947, $0.003512.

Value of Imports and Exports

Year	Thousands of leva		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	2, 247, 232	2, 534, 630	28, 877	32, 570
1935	3, 008, 954	3, 253, 284	38, 966	42, 130
1936	3, 181, 068	3, 910, 382	41, 227	50, 679
1937	4, 985, 914	5, 019, 499	64, 069	64, 501
1938	4, 934, 193	5, 578, 341	61, 302	69, 305
1945	5, 819, 637	12, 397, 444	20, 439	43, 540
1946	17, 514, 283	14, 941, 736	61, 510	52, 475
1947	21, 415, 418	24, 532, 740	75, 211	86, 159

Trade with Principal Countries (Thousands of Dollars)

Country	Imports for consumption				Exports of Bulgarian products			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Total	**64,069**	**61,302**	**61,510**	**75,211**	**64,501**	**69,305**	**52,475**	**86,159**
United States	1,341	1,662	2,157	1,016	2,470	2,362	2,719	515
Austria	(2)	(2)	142	684	(2)	(2)	57	1,766
Belgium	2,737	434	319	1,051	1,087	448	641	130
Czechoslovakia	3,204	3,622	3,687	11,902	3,585	3,169	5,486	16,284
Denmark	51	15	389	306	1,397	1,410	169	91
France	2,114	2,259	80	475	1,040	1,034	1,871	582
Germany	37,281	31,845	222	204	30,386	40,801	85	637
Hungary	854	1,683	431	923	593	873	480	879
Italy	3,172	4,599	259	382	2,709	5,248	292	1,491
Netherlands	849	715	90	761	1,406	1,167	75	1,339
Norway	24	21	157	160	127	95	198	96
Palestine	155	179	16	46	954	339	28	112
Poland	2,777	3,423	----------	3,420	2,994	3,953	646	7,090
Rumania	1,848	2,150	1,037	1,270	160	110	2,056	677
Sweden	554	520	85	612	835	272	122	486
Switzerland	1,517	1,325	273	791	1,446	1,230	823	731
Turkey	319	551	1,343	1,395	413	397	1,219	1,452
United Kingdom	2,990	4,328	5	506	8,932	3,318	288	110
U.S.S.R.	17	30	50,367	45,566	(3)	(3)	34,647	44,688
Yugoslavia	350	287	262	2,753	423	145	257	4,125
Other countries	1,915	1,654	189	957	3,544	2,934	316	2,878
Percent of total:								
United States	2.1	2.7	3.5	1.4	3.8	3.4	5.2	0.6
Czechoslovakia	5.0	5.9	6.0	15.8	5.6	4.6	10.5	18.9
Germany	58.2	51.9	.4	.3	47.1	58.9	.2	.7
Italy	5.0	7.5	.4	.5	4.2	7.8	.6	1.7
Poland	4.3	5.6	----------	4.5	4.6	5.7	1.2	8.2
United Kingdom	4.7	7.1	(3)	.7	13.8	4.8	.5	.1
U.S.S.R.	(3)	(3)	81.9	60.6	(3)	(3)	66.0	51.9

[1] Preliminary. [2] Included with Germany. [3] Negligible.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Imports for consumption, total	--------	--------	--------	--------	**64,069**	**61,302**	**61,510**	**75,211**
Animals, live ... 1,000 lb.	474	448	26	7	37	62	5	1
Animal products, edible ... do.	2,511	4,707	4,200	2,460	151	353	313	319
Hides, skins and manufactures ... do.	8,946	6,660	1,766	1,495	2,399	1,929	2,166	1,404
Cereals, vegetables (except leguminous plants) and products ... 1,000 lb.	1,396	2,599	207,920	98,867	56	94	6,106	4,010
Fruits, vegetables, seeds, fodder and other plants ... 1,000 lb.	306	2,152	60,593	1,235	62	155	1,056	537
Preserves and pickles ... do.	1,799	2,467	306	1,742	160	256	45	406
Alcoholic beverages and vinegar ... do.	86	42	13	(2)	8	6	16	1
Rubber, gutta-percha, balata and products ... 1,000 lb.	2,213	3,009	5,300	4,883	771	929	3,146	1,759
Resins, gums, mineral oils and glue ... do.	216,928	209,139	254,995	263,487	2,370	2,471	6,468	5,021
Vegetable oils, greases, wax and products ... 1,000 lb.	7,723	12,024	1,918	1,598	822	1,085	353	252
Tobacco, sugar and colonial products ... 1,000 lb.	15,739	12,079	1,038	1,863	781	715	112	117
Textile materials and manufactures ... 1,000 lb.	38,049	40,743	32,386	33,056	12,669	12,046	9,708	11,953
Paper and paper products ... do.	39,246	34,559	81,403	44,443	1,701	1,406	3,372	3,824
Fuels (solid) ... long tons	2,874	4,081	4,886	11,428	34	50	85	284
Stones, earths, glass and glassware ... 1,000 lb.	11,717	13,198	1,239	5,948	993	1,114	356	1,537
Metals and metal products, miscellaneous ores ... 1,000 lb.	223,300	296,750	209,845	206,578	14,122	14,240	13,471	15,745
Machines, musical instruments and apparatus, arms ... 1,000 lb.	32,569	37,342	48,162	31,826	16,447	14,004	7,112	10,640
Railway cars, automobiles, vehicles, ships ... long tons	4,956	5,325	2,181	65,260	3,169	2,804	1,135	7,489
Drugs and medicines ... 1,000 lb.	437	443	172	375	992	1,265	717	1,002
Chemical products ... do.	61,989	55,946	64,961	66,969	2,299	2,422	3,476	4,716
Tanning and dyeing materials paints and varnishes ... 1,000 lb.	12,881	10,615	5,201	7,244	1,808	1,788	776	1,968
Fertilizers ... long tons	1,116	1,219	16,892	11,925	94	101	877	981
Perfumery, aromatic preparations and essences ... 1,000 lb.	33	24	2	18	79	78	20	35
Jewelry and novelties ... do.	181	168	4	33	308	375	59	95
Materials for carpentry, sculpture, basketry, and manufacture ... 1,000 lb.	10,525	47,033	644	2,879	482	759	39	153
Books, periodicals and art objects ... do.	172	152	110	71	311	358	56	191
Other merchandise	--------	--------	--------	--------	944	437	465	771

[1] Preliminary. [2] Less than 500 pounds.

Exports of Principal Commodities

Commodity	Quantity		Value (thousands of dollars)	
	1946[1]	1947[1]	1946[1]	1947[1]
Exports of Bulgarian products, total			**52,475**	**86,159**
Eggs ... 1,000 lb.	(2)	240	(2)	106
Sheepskins, raw ... do.	348	796	253	895
Hides and skins (except raw sheepskins), leather, waste of all kinds ... 1,000 lb.	276	88	50	8
Sheep and lamb skins, prepared ... do.		2		15
Beans, dried ... do.	17,293	112	767	9
Vegetables, pickled ... do.	6,290	7,610	374	580
Apple pulp ... do.	20,053	3,183	1,630	268
Apricot pulp ... do.	9,881	1,329	939	117
Fruits, dried or cooked, not specified ... do.	1,049	112	321	14
Fruit pulp, fresh ... do.	6,479	1,446	674	159
Fruit juices, unsweetened ... do.	807	990	177	221
Grape brandy ... do.	2,703	2	875	1
Grapes, fresh ... do.	414	2,116	27	253
Marmalade and grape jelly ... do.	351	503	111	154
Tomato puree ... do.	910	4,193	252	926
Pimentos, fresh ... do.		754		49
Wine ... 1,000 gal.	982	448	902	796
Cottonseed ... 1,000 lb.	220	672	9	32
Vegetable seeds ... do.	1,184	271	998	328
Tobacco leaf, crude ... do.	40,743	72,007	33,550	68,893
Cigarettes ... do.	73	139	278	625
Rabbit hair, crude ... do.	163	172	284	333
Silk waste ... do.	159	90	152	67
Plywood ... do.	2,866	3,020	309	353
Wood, veneer ... do.	139	602	75	294
Coal ... long tons	4,612	76,133	71	1,159
Charcoal ... do.	14,355	17,737	338	553
Cement ... do.	(3)	20,462	(3)	366
Window-panes ... 1,000 lb.	1,080	941	52	49
Iron ore and slag ... long tons	10,704	32,752	259	663
Copper ore ... 1,000 lb.	37,833	19,852	653	547
Lead ore, purified ... do.	21,501	24,943	710	1,823
Nickel and zinc ore, crude ... do.	12,150	17,494	281	416
Ores, crude or refined ... do.	3,748	8,763	119	265
Alcohol, ordinary, pure ... do.	2,529	1,715	1,633	215
Roots, bark, leaves, herbs, flowers and mosses for medicinal uses, n.e.s. ... 1,000 lb.	77	143	11	34
Glycerin ... do.	24	37	8	24
Attar of roses ... ounces	23,810	13,228	1,060	647
Rose concrete ... do.	47,616	7,932	523	102
Other merchandise			3,750	3,800

NOTE.—Comparable commodity breakdown not available for 1937 and 1938.
[1] Preliminary.
[2] Negligible.
[3] Not reported.
n.e.s. Not elsewhere specified.

FINANCE

Government budget (data in million leva).—Receipts, actual, 1938 to 1945, consecutively: 7,703; 8,532; 9,840; 19,493; 26,201; 36,671; 43,254; 81,871; expenditures, actual, 7,202; 8,354; 9,873; 16,952; 24,313; 36,054; 43,858; 81,738; independent budget of State railways, receipts, actual, 2,163; 1,968; 2,438; 3,843; 5,736; 7,658; 6,152; 10,600; expenditures, actual, 2,133; 1,813; 2,177; 2,780; 4,461; 6,588; 7,112; 10,549.

Public debt (data in million leva).—Total June 30, 1946, 144,234; comprising funded exterior, 11,888, funded interior, 44,268, floating interior, 64,464, and debts guaranteed by the Government, 23,613.

Currency and exchange.—Currency unit, lev (plural leva). Exchange rates (official selling rate), leva per U.S. dollar, 1936 to 1939, consecutively: 84.03, 84.30; 84.37; 84.40. For the years 1946 and 1947 and for January-June 1948, 288 leva per U.S. dollar. All exchange transactions with the United States are conducted at the official buying and selling rates of 285 and 288 leva respectively, per U.S. dollar. In 1947, gold, as well as United States, Canadian, English, Egyptian, Swiss, Swedish, Portuguese, Dutch, and Danish currencies were purchased by the National Bank at the official rate of exchange plus a 250 percent premium; Syrian and Palestinian currencies were purchased at a 50 percent premium. The National Bank controls transactions in foreign currencies and determines exchange rates.

Money and capital market.—Discount rate of the National Bank: To September 17, 1940, 6.0 percent; to August 14, 1946, 5.0 and 6.0 percent; July 1948 rate, 4.5 percent.

National Bank situation, February 20, 1948, (data in million leva).—Note circulation (treasury bonds excluded), 44,117; gold reserve, 2,565; foreign assets, 526. Note circulation, treasury bonds included, 1939 to 1946, consecutively: 4,813; 6,460; 11,917; 18,956; 28,874; 49,323; 69,413; 75,779. Bank deposits, 1939 to 1946, consecutively: 15,015; 16,584; 19,197; 25,126; 34,860; 45,905; 56,676; 73,265.

Cost of living index (1937 = 100).—(Through 1938, based on prices in 64 cities; thereafter, in 12 cities only.) Indexes 1936 to 1947, consecutively: 98; 100; 103; 106; 119; 144; 189; 240; 361; 541; 609; 678.

Wholesale price index, all goods (1937 = 100).—(Based on prices of 72 commodities weighted by their domestic sales.) Indexes 1936 to 1947, consecutively: 89; 100; 103; 104; 120; 154; 195; 247; 359; 573; 652; 743.

Deposits, Loans and Investments of Agricultural Institutions in Bulgaria (Millions of Leva)

Year	Deposits		Loans and investments	
	Agricultural Cooperative Bank [1]	Agricultural Credit Cooperatives	Agricultural Cooperative Bank [1]	Agricultural Credit Cooperatives
1939	6,196	650	8,758	865
1940	6,719	745	10,186	917
1941	7,498	998	10,700	900
1942	9,297	1,688	11,119	1,126
1943	13,832	2,444	14,939	1,323
1944	18,767	3,278	19,088	1,447
1945	26,577	4,708	25,218	1,246

[1] The Bulgarian Agricultural and Cooperative Bank is the largest credit institution in Bulgaria.

PRINCIPAL SOURCES

Revue de la Statistique Générale de la Bulgarie.
Bulletin Mensuel de la Direction Générale de la Statistique.
Statistique du Commerce Extérieur, Royaume de Bulgarie.
Bulgarian Official Gazettes.

CZECHOSLOVAKIA

(See general explanatory note, p. vi)

NOTE ON TERRITORIAL CHANGES

The Republic of Czechoslovakia came into existence on October 28, 1918, with the union of Bohemia, Moravia, a part of Silesia, and Slovakia, which had previously formed part of the Austro-Hungarian Monarchy. Ruthenia also joined the new state, bringing its area to about 54,244 square miles. The Czechoslovak Republic was suppressed by Germany in 1939; Bohemia and Moravia were declared to be a protectorate of the German Reich and Slovakia declared its independence.

With the liberation of Czechoslovakia in May 1945, the Republic regained the territory of 1918, but by a treaty with the U.S.S.R. of June 29, 1945, Ruthenia (4,871 square miles) and 49 square miles of Slovakia were ceded to that country. In accordance with the peace treaty with Hungary of February 10, 1947, 25.6 square miles on the right bank of the Danube near Bratislava were gained from Hungary.

AREA AND POPULATION

Area as of December 31, 1947, 49,354 square miles, of which Bohemia, 20,101; Moravia and Silesia, 10,351; Slovakia, 18,902. Population (preliminary 1947 estimate), 12,164,631. Distribution by language groupings (1946 estimates): Czech, 7,870,000; Slovak, 3,080,000; German, 330,000; Magyar, 470,000; Ruthenian and Russian, 115,000; Polish, 85,000; other, 53,000; total, 12,003,000.

Growth of population (1947 boundaries): 1880, 10,684,875; 1890, 11,245,291; 1900, 12,158,802; 1910, 12,999,849; 1921, 13,003,446; 1930, 13,998,497, 1938 estimate, 14,609,102; 1946 estimate, 12,003,000; 1947 preliminary estimate, 12,164,631.

Population by Provinces, 1947 estimate with 1930 census in parentheses: Bohemia, 5,626,566 (7,109,376); Moravia and Silesia, 3,135,765 (3,565,010); Slovakia (1947 area), 3,402,300 (3,324,111). Population density (number per square mile), 1947 with 1930 data in parentheses: Bohemia, 280 (356); Moravia and Silesia, 303 (344); Slovakia (1947 boundaries), 180 (176); Czechoslovakia (1947 boundaries), 247 (284).

Population of chief cities, including suburbs, census of May 22, 1947, with 1936 estimates in parentheses: Praha (Prague), 922,294 (945,100); Brno (Bruenn), 273,127 (288,065); Moravska Ostrava, 180,960, (178,099); Bratislava (Pressburg), 165,134 (170,668); Plzen (Pilsen), 117,814 (124,353); Olomouc (Olmuetz), 58,617 (69,500); Usti nad Labem, 56,328 (72,393); Liberec (Reichenberg), 52,798 (68,808); Kosice (Kaschau), 51,689 (79,900).

Percentage of total population by occupational classes, 1947 with 1930 data in parentheses: Agriculture, forestry, and fishing, 27.91 (33.08); mineral production, 2.91 (3.67); crafts and trades, 33.12 (33.52); commerce, banking, insurance, 5.77 (6 19); transports, 6.13 (5.74); public service and administration, 8.30 (5.68); liberal professions, 0.63 (0.78); personal and domestic services, 2.12 (2.53); persons without gainful occupation, 11.26 (8.80); persons without specified occupation, 1.85 (0.01).

Education.—School attendance (compulsory ages 6 to 14 years) 1945–46 with 1936–37 data in parentheses: Primary, 1,496,729 (2,344,462); secondary, 400,439 (457,776); advanced technical schools and universities, 56,772 (28,257). Illiteracy in 1946 estimated at about 1 percent of persons over 6 years of age.

AGRICULTURE

Land distribution, 1946 (thousand acres): Arable, 13,430 (42.6 percent); meadow and pasture, 4,838 (15.3 percent); forests, 9,835 (31.2 percent). 1937 distribution of land within present boundaries (thousand acres): Arable, 13,875 (44.0 percent); meadow and pasture, 4,979 (15.7 percent); forests, 9,879 (31.3 percent).

Livestock, January 1, 1947, preliminary data (January 1, 1938, data for area within present boundaries in parentheses), in thousands: Cattle, 3,941 (4,706); swine, 2,940 (3,538); sheep, 491 (534); goats, 1,113 (1,088); horses 651 (645).

Wholesale value of agricultural production, 1946 estimates, in millions of crowns: Total, 71,488, of which crops, 34,644; animal products, 24,121; livestock, 11,186; timber, 1,537. Chief items: Cereals, 14,147; hoe crops, 11,153; poultry and eggs, 3,063; cattle and calves, 6,342; hogs, 4,758.

Principal Crops: Area and Production
[Yearly averages and years]

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1931–35[1]	1936[1]	1937[1]	1946	1947	1931–35[1]	1936[1]	1937[1]	1946	1947
Wheat	2, 213	2, 296	2, 107	2, 226	2, 009	56, 011	55, 583	51, 267	48, 391	30, 313
Rye	2, 512	2, 510	2, 413	1, 942	1, 752	69, 374	56, 549	58, 446	44, 879	35, 628
Barley	1, 680	1, 571	1, 661	1, 349	1, 391	55, 354	46, 796	51, 212	34, 998	30, 359
Oats	1, 972	1, 894	1, 925	1, 485	1, 452	91, 928	83, 939	94, 547	56, 768	46, 641
Corn	281	212	239	255	269	7, 617	7, 433	8, 803	6, 693	4, 649
Potatoes	1, 819	1, 876	1, 913	1, 581	1, 485	326, 687	393, 221	454, 329	332, 050	162, 259
Sugar beets	391	381	448	432	450	[2] 4, 002	[2] 4, 579	[2] 5, 987	[2] 4, 259	[2] 2, 548
Beet sugar	------	------	------	------	------	[2] 638	[2] 571	[2] 758	[2] 459	[2,3] 343
Hops	27	28	28	22	22	[4] 17, 994	[4] 26, 634	[4] 26, 819	[4] 11, 658	[4] 10, 320
Hemp	19	18	18	15	15	[4] 12, 005	[4] 12, 711	[4] 10, 694	([5])	[4] 4, 350
Flax	23	40	48	49	49	[4] 9, 962	[4] 21, 025	[4] 24, 361	([5])	[4] 11, 986
Tobacco	24	24	24	15	15	[4] 30, 860	[4] 33, 228	[4] 30, 944	[4] 18, 918	[4] 14, 184
Fodder beets	321	364	362	381	385	[2] 3, 474	[2] 4, 848	[2] 5, 166	([5])	[2] 1, 877
Grapevines	44	62	64	47	47	[6] 11, 396	[6] 13, 863	[6] 14, 403	[6] 15, 497	[6] 11, 062

[1] 1937 boundaries.
[2] Unit, metric ton.
[3] Estimated.
[4] Unit, pound.
[5] Not available.
[6] Unit, gallon of wine.

Forestry.—Forested area (estates over 25 acres of forested land), in thousand acres: 1946–47, 9,833; 1935–36 (present area), 9,950. Timber produced, in thousand cubic feet (merchantable timber and firewood in parentheses): 1946–47, 366,983 (238,016 and 128,967); 1945–46, 383,263 (239,535 and 143,728); 1935–36, 419, 177(248,575 and 170,602).

MINING AND MANUFACTURING

Index of industrial production, provisional (1937 = 100): January 1947, 77.4; March 1947, 83.8; June 1947, 92.4; September 1947, 89.0; December 1947, 91.5; monthly average, 87.0. March 1948, 99.4; May 1948, 105.2.

Mining Production

Product	1929	1935	1936	1937	1945	1946	1947
Coal........1,000 metric tons..	16, 521	10, 894	12, 233	16, 777	11, 716	14, 168	16, 216
Lignite....................do....	22, 561	15, 114	15, 949	17, 895	15, 356	19, 460	22, 362
Iron ore....................do....	1, 808	731	1, 090	1, 836	271	1, 123	1, 363
Manganese ore........metric tons..	96, 529	71, 434	93, 036	106, 344	30, 787	73, 232	[1] 120, 511
Silver, lead, and zinc ore......do....	116, 645	151, 424	161, 707	168, 967	61, 327	111, 932	[3] 45, 174
Gold ore....................do....	27, 920	35, 592	37, 208	39, 944	568	([2])	6, 002
Iron pyrites....................do....	23, 005	20, 000	19, 084	18, 361	533	7, 895	[4] 45, 705
Antimony ore....................do....	6, 203	24, 132	16, 119	18, 187	12, 901	24, 503	[5] 84, 336
Tin-wolfram ore....................do....	8, 547	([2])	([2])	([2])	78, 157	61, 432	6, 945
Crude graphite....................do....	23, 651	1, 870	2, 926	5, 144	10, 973	5, 108	

NOTE.—All data refer to 1947 boundaries.
[1] Metallic content: 21.9 tons silver; 3,012 tons lead; 1,278 tons zinc; 85 tons copper; 9,672 grams gold.
[2] Not reported.
[3] Gold content 2.7 percent; silver content 44.8 grams per ton.
[4] Antimony content 3.73 percent.
[5] Tungsten oxide content 0.194 percent; tin content not reported.

Industrial Production

Product	1937[1]	1946	1947
Coke....................1,000 metric tons..	3, 272	2, 214	3, 564
Pig iron....................do....	1, 675	961	1, 417
Steel ingots and castings....................do....	2, 317	1, 672	2, 280
Electric power....................1,000,000 kw. hr..	4, 115	5, 622	6, 663
Tractors....................units..	204	938	5, 579
Trucks....................do....	4, 008	2, 952	5, 232
Passenger cars....................do....	12, 624	3, 796	9, 372
Farm machinery....................1,000,000 crowns..	300	750	1, 149
Machine tools[2]....................units..	5, 496	7, 248	9, 708
Auto and truck tires....................1,000 units..	374	226	506
Staple fiber....................1,000 lb..	0	13, 200	32, 000
Rayon....................do....	8, 823	6, 429	9, 643
Cotton fabrics[3]....................do....	141, 974	([4])	98, 032
Alcohol....................1,000 gal..	25, 494	9, 616	11, 571
Beer....................do....	211, 128	170, 791	233, 473

[1] 1947 boundaries.
[2] Metalworking tools valued at more than 25,000 crowns.
[3] Expressed in quantity of thread worked up.
[4] Not reported.

Textile equipment, 1946 with 1935 data in parentheses (thousands): Cotton spindles, 2,079 (3,625); cotton looms, 80 (110); linen spindles, 159 (180); linen looms, 8 (10); wool carded-yarn spindles, 350 (700); wool combed-yarn spindles, 280 (420); wool looms, 15 (28).

Employment.—Number of unfilled jobs as of midyear 1947, about 335,000; midyear 1946, 440,000. Data on unemployed during 1946 and 1947 unavailable; expulsion of Sudeten Germans and the influence of other factors resulted in labor shortages during those years.

TRANSPORTATION AND COMMUNICATION

Railroads.—The Government owns and operates all railroads, privately owned lines having been nationalized in 1945.

Statistics of Czechoslovak Railroads

Item	1937[1]	1946	1947
Length of line....................miles..	8, 419	8, 137	....
Steam locomotives....................units..	4, 091	3, 353	....
Electric locomotives....................do....	20	22	....
Rail motorcars and busses....................do....	544	494	....
Passenger cars....................do....	9, 847	7, 120	....
Freight cars....................do....	93, 027	61, 322	....
Passengers carried....................thousands..	268, 738	309, 940	348, 000
Passenger-miles....................millions..	5, 741	8, 196	9, 105
Freight carried....................1,000 metric tons..	72, 501	57, 448	64, 620
Ton-miles....................millions..	6, 755	5, 759	7, 084

[1] 1937 boundaries

Statistics of Civil Aviation

Item		1937	1946	1947 (first half)
Total distance flown	1,000 miles	2,282	2,131	1,864
By internal lines	do	256	339	214
By international lines of:				
Czech companies	do	917	779	813
Foreign companies	do	1,109	1,012	837
Passengers carried	thousands	57	92	59
By internal lines	do	14	35	18
By international lines of:				
Czech companies	do	20	25	19
Foreign companies	do	23	32	22
Goods and mail carried	1,000 lb	3,285	5,986	4,686
By internal lines	do	483	747	398
By international lines of:				
Czech companies	do	1,114	1,986	1,747
Foreign companies	do	1,688	3,253	2,541

Postal, Telegraph, Telephone and Radio Statistics

Item		1936[1]	1937[1]	1947
Postal service:				
Number of offices		4,587	4,591	3,582
Pieces of mail	thousands	1,032,571	1,073,771	....
Gross receipts	1,000 crowns	812,445	872,789	....
Telegraph:				
Length of line	miles	12,071	12,048	....
Length of wire	do	83,719	90,196	....
Messages sent	thousands	....	11,337	6,096
Gross receipts	1,000 crowns	31,403	40,899	180,000
Telephones:				
Number of calls handled	thousands	250,270	268,293	200,040
Gross receipts	1,000 crowns	267,419	288,251	634,800
Radio:				
Licensed receiving sets	thousands	928	1,044	1,891
Gross receipts from radio licenses fees	1,000 crowns	62,074	116,013	540,000

[1] 1937 boundaries.

FOREIGN TRADE

Per capita trade.—1947: Imports, $46.95; exports, $47.05.

Basis of trade statistics.—Special commerce (i.e., imports for consumption; exports of national and nationalized goods). Transit trade is excluded. Valuations are based on declared values at the frontier; imports c.i.f., exports f.o.b.

Foreign trade values have been converted from Czechoslovak crowns to United States dollars at the following rates: 1934, $0.04242; 1935, $0.04164; 1936, $0.04008; 1937, $0.03493; 1938, $0.03467; 1946 and 1947, $0.0200.

Value of Imports and Exports

Year	Thousands of Czechoslovak crowns		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	7,803,868	8,897,830	331,040	377,446
1935	8,049,558	9,486,187	335,184	395,005
1936	8,987,172	9,124,733	360,206	365,719
1937	10,963,400	11,959,445	382,952	417,743
1938	8,371,105	10,216,737	290,226	354,214
1946	10,301,757	14,282,694	206,035	285,654
1947[1]	28,616,540	28,607,572	572,331	572,151

[1] Provisional figures.

Trade with Principal Countries (Thousands of Dollars)

Country	Imports for consumption				Exports of Czechoslovak products			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Total[2]	**382,952**	**290,226**	**206,035**	**572,331**	**417,743**	**354,214**	**285,654**	**572,151**
United States[2]	33,533	29,469	17,041	58,325	38,813	22,870	21,661	25,015
Canada	1,385	3,000	2,410	7,014	2,559	2,038	1,560	3,551
Argentina	8,079	5,939	2,800	5,531	6,545	4,606	2,101	11,849
Brazil	6,040	3,345	310	16,232	2,980	3,409	1,076	5,437
Austria	15,950	8,176	8,133	10,152	30,633	18,504	13,001	20,153
Belgium-Luxembourg	11,062	6,475	7,185	26,565	8,928	7,646	14,208	36,346
Bulgaria	3,341	2,874	7,855	17,848	2,993	2,539	6,240	12,639
Denmark	2,097	1,128	6,347	16,013	2,586	1,911	11,419	13,713
Finland	643	632	140	1,159	3,766	3,354	353	2,453
France	20,168	13,335	6,443	20,002	15,960	8,881	7,714	17,562
Germany	59,330	41,360	8,296	5,302	57,405	46,203	20,076	10,288
Bremen (free port)	4,236	469			3	1	408	
Hamburg (free port)	2,939	1,087	2		5,489	2,564		
Greece	3,604	3,783		5,354	1,562	1,290	1,067	4,741
Hungary	5,612	6,213	11,733	11,417	7,931	7,951	7,641	16,028
Italy	8,725	8,053	4,466	23,044	12,410	10,372	5,112	24,927
Netherlands	14,522	9,323	9,862	33,272	17,442	15,004	15,475	49,149
Norway	4,610	2,657	4,242	13,283	6,668	4,789	13,046	11,176
Poland	9,674	5,394	555	13,790	7,941	6,974	2,809	9,568
Rumania	18,576	17,341	3,844	4,899	22,833	18,837	4,302	7,863
Sweden	14,582	12,059	18,270	40,011	14,014	10,607	22,978	41,727
Switzerland	12,556	9,383	21,746	44,332	15,961	11,686	42,240	58,514
U.S.S.R.	4,382	3,513	19,574	35,535	3,283	8,242	34,415	28,902
United Kingdom	24,262	15,566	18,183	67,166	36,296	32,601	8,404	36,815
Yugoslavia	14,349	10,723	13,033	27,094	20,807	21,814	7,301	35,435
China	1,618	928	20	79	5,739	13,813	840	1,660
India	16,434	7,409	632	11,021	5,630	4,630	1,491	5,728
Netherlands Indies	7,418	5,102		34	1,623	1,857	166	773
Palestine	567	658	615	2,251	2,133	1,474	2,184	12,596
Turkey	5,139	4,350	3,539	15,914	4,285	10,313	7,132	13,106
Australia	5,043	4,107	212	3,341	2,315	2,444	133	2,448
Egypt	7,758	4,539	2,172	16,803	4,074	2,657	1,299	7,192
Union of South Africa	1,390	1,105	833	1,050	5,070	5,102	2,198	5,202
Other countries	33,328	40,731	5,542	18,498	41,066	37,231	5,604	39,595
Percent of total:								
United States	8.8	10.2	8.3	10.2	9.3	6.5	7.6	4.4
Austria	4.2	2.8	3.9	1.8	7.3	5.2	4.6	3.5
Germany	15.5	14.3	4.0	.9	13.7	13.0	7.0	1.8
Sweden	3.8	4.2	8.9	7.0	3.4	3.0	8.0	7.3
U.S.S.R.	1.1	1.2	9.5	6.2	.8	2.3	12.0	5.1
United Kingdom	6.3	5.4	8.8	11.7	8.7	9.2	2.9	6.4
Yugoslavia	3.7	3.7	6.3	4.7	5.0	6.2	2.6	6.2

[1] Provisional figures.
[2] Totals and the figures for trade with the United States adjusted for returned goods; no such adjustment made in the case of other countries.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Imports for consumption, total					**382,952**	**290,226**	**206,035**	**572,331**
Cattle....number	531	322	10,786	12,223	75	44	1,670	1,806
Swine....do	240,691	160,994	149	613	6,544	5,189	20	69
Casings and bladders....1,000 lb	3,532	2,840	1,056	1,321	1,849	1,561	1,279	1,506
Animal oils and fats, edible:								
Lard....do	25,371	24,837	2	14,374	3,159	2,870	1	4,701
Other....do	6,545	8,487	4,098	20,823	775	873	1,030	4,934
Butter....do	1,676	2,266	3,506	6,107	347	514	1,820	3,747
Fish, fresh....do	33,952	22,509	7,401	28,784	1,215	801	1,603	3,654
Fish, salted or prepared....do	18,794	13,009	24,236	40,472	1,308	1,038	3,422	10,213
Eggs, dried....do	132	112	1,264	925	58	58	1,547	1,182
Cattle hides....do	67,469	55,050	4,099	29,667	9,429	5,847	1,063	9,151
Hides and skins, other....do	24,324	14,441	3,666	13,877	8,123	3,912	3,284	10,442
Leather and leather waste....do	2,401	1,627	897	1,667	2,997	2,090	849	3,203
Furs, dressed....do	466	292	139	616	3,132	1,982	1,830	3,464
Fish oils....do	69,739	51,143	13,507	16,675	3,400	2,110	2,862	3,834

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Imports for consumption —Continued								
Corn .... 1,000 bu..	2,785	2,258	83	1,300	1,856	1,868	105	3,915
Rice .... 1,000 lb..	133,923	105,717	2,094	4,590	3,507	2,648	95	661
Rye .... 1,000 bu..	2,325	60,475	3,959	1	2,256	5,946	821	(2)
Wheat .... do....	12,691	43,489	19,662	24,901	1,310	5,257	3,701	7,438
Vegetables, fresh .... 1,000 lb..	29,272	43,841	11,862	145,380	649	1,078	1,226	5,033
Citrus fruits .... do....	87,449	83,559	19,987	73,631	3,332	3,492	1,688	6,698
Apples, fresh .... do....	65,993	50,261	36,895	98,695	1,985	2,337	2,010	7,163
Fruits and nuts, other .... do....	90,724	78,130	16,717	33,362	6,088	5,111	4,882	5,191
Fruit juices and pulp .... do....	4	18	21,736	9,183	(2)	1	3,470	925
Cocoa beans .... do....	22,532	22,758	1,474	17,087	2,145	1,574	245	4,328
Coffee, green .... do....	24,279	25,898	1,060	9,445	2,837	2,670	183	2,564
Wine, in barrels .... 1,000 gal..	2,182	1,670	2,461	2,804	860	687	6,063	6,146
Crude rubber, natural and synthetic .... 1,000 lb..	40,403	26,838	18,414	40,853	6,016	3,510	3,801	8,854
Tires and inner tubes..number..	54,515	68,061	16,077	128,635	200	197	217	3,987
Oilseeds .... 1,000 lb..	372,063	304,077	2,042	133,173	12,369	8,451	290	15,124
Vegetable oils and fats .... do....	39,586	36,658	5,664	42,324	2,697	1,861	1,658	12,417
Tanning extracts .... do....	39,375	22,443	14,554	19,619	1,636	978	2,084	2,599
Tobacco, leaf .... do....	19,808	17,085	11,823	46,086	8,933	8,294	9,397	41,125
Cigarettes .... do....	6	5	1,612	301	11	9	4,567	1,176
Cotton, raw .... do....	230,921	150,191	43,131	123,564	34,819	17,949	14,144	44,738
Cotton yarn .... do....	6,486	2,754	745	743	3,762	1,612	116	834
Cotton fabrics .... do....	4,758	2,650	126	611	2,048	1,553	391	1,378
Flax and flax tow .... do....	36,926	16,525	8,389	23,167	4,227	1,903	3,157	7,879
Jute, raw .... do....	92,404	53,878	3,323	26,238	4,200	2,324	304	4,106
Wool and animal hair, unmanufactured .... do....	63,199	48,551	25,192	64,819	28,484	16,597	12,902	45,874
Wool yarn .... do....	2,282	2,101	128	172	1,851	1,464	25	304
Wool fabrics .... do....	850	814	747	243	1,890	1,813	503	1,036
Silk and rayon yarn .... do....	13,898	6,036	780	3,527	8,275	4,355	1,605	6,401
Silk and rayon fabrics .... do....	1,665	1,301	213	447	3,120	2,603	977	2,999
Rags, old paper .... do....	70,080	32,142	5,022	4,426	2,639	1,147	470	857
Paper and manufactures... do....	11,631	28,602	2,225	6,457	2,407	3,029	663	1,611
Coal, coke, briquets 1,000 long tons..	1,419	1,890	151	1,028	7,544	9,688	744	11,119
Petroleum and products long tons..	452,798	358,858	204,886	304,417	11,897	8,835	13,913	13,886
Salt, cooking and industrial 1,000 lb..	415,389	248,933	688,118	511,994	943	562	3,653	2,804
Pyrites .... long tons..	187,378	173,861	249,061	197,777	1,739	1,723	3,986	2,719
Iron ore .... do....	1,727,703	1,164,276	1,352,126	1,869,411	11,100	7,777	12,707	27,112
Manganese ore .... do....	76,485	101,161	4,043	7,783	1,143	2,199	163	393
Iron and steel:								
Pig iron and scrap .... do....	287,481	133,390	4,866	9,367	7,958	3,455	336	2,357
Bars, sheets, wire .... do....	16,462	10,815	2,183	5,348	3,465	2,260	1,030	2,488
Ferromanganese and other ferroalloys .... 1,000 lb..	16,502	10,311	6,857	27,182	3,472	2,773	1,477	5,523
Copper, refined .... do....	70,261	81,551	6,666	50,439	9,555	8,649	981	9,995
Other nonferrous metals, crude:								
Aluminum .... 1,000 lb..	12,637	8,119	2,153	16,832	2,490	1,646	376	2,575
Lead .... do....	33,218	29,200	13,312	43,070	1,889	1,097	1,266	6,024
Nickel .... do....	5,140	4,420	467	3,903	2,116	1,764	170	1,366
Tin, Britannia metal..do....	4,191	3,723	310	2,794	2,304	1,545	204	2,015
Zinc .... do....	24,478	18,318	4,475	51,395	1,264	728	333	6,090
Electrical machinery and apparatus	--------	--------	--------	--------	7,548	6,386	3,362	9,978
Metalworking machinery number..	1,777	1,315	120	829	4,148	3,571	373	2,463
Textile and sewing machinery....	--------	--------	--------	--------	5,163	2,788	611	2,118
Antifriction bearings...1,000 lb..	2,403	2,086	3,077	3,999	1,918	1,705	3,163	6,519
Automobiles .... number..	1,190	1,241	1,825	947	910	1,230	1,997	2,655
Airplanes .... do....	7	14	426	45	492	657	1,713	404
Coal-tar dyes .... 1,000 lb..	6,304	4,170	1,247	2,959	5,375	4,060	3,014	7,587
Fertilizers and fertilizer materials .... long tons..	218,701	186,257	114,310	86,158	4,090	3,517	3,227	3,437
Arms and explosives....1,000 lb..	2,243	1,921	63	216	3,453	2,416	74	374
Books, printed matter .... do....	4,985	4,028	222	337	1,878	1,376	219	323
Watches and clocks	--------	--------	--------	--------	1,863	1,670	1,775	2,740
Other merchandise	--------	--------	--------	--------	78,415	64,942	41,128	122,000
Returned goods[3]	--------	--------	--------	--------	590	653	122	372
Bullion and coin[3]	--------	--------	--------	--------	43	14	1	--------

[1] Provisional figures.
[2] Less than $500.
[3] Not included in totals.

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Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Exports of Czechoslovak products, total	----------	----------	----------	----------	**417,743**	**354,214**	**285,654**	**572,151**
Cattle hides .... 1,000 lb.	13,338	14,705	167	978	2,453	2,003	26	160
Hides and skins, other .... do.	6,327	7,474	628	126	2,616	1,992	446	164
Leather and leather waste .... do.	4,621	4,017	69	185	4,690	3,131	44	65
Leather footwear .... 1,000 pr.	11,377	11,553	1,089	3,015	9,888	10,214	2,882	12,990
Leather gloves .... do.	9,425	6,820	606	834	6,960	4,935	1,606	2,395
Feathers, bedding .... 1,000 lb.	1,749	1,551	521	754	989	880	754	547
Barley .... 1,000 bu.	761	2,636	7	----------	920	2,491	16	----------
Malt .... do.	4,980	4,602	1,014	1,108	6,243	5,864	3,813	3,848
Wheat .... do.	8,093	942	205	----------	10,273	1,651	670	----------
Wheat flour .... 1,000 bbl.	791	446	(2)	(2)	3,944	2,316	1	(2)
Potatoes .... 1,000 bu.	290	9	18,939	3,825	79	3	27,199	5,942
Sugar, refined .... 1,000 lb.	569,349	547,362	226,642	340,719	8,377	8,644	22,719	34,690
Honey .... do.	2	1	6,928	10,092	1	(2)	1,174	1,713
Sugar syrup .... do.	(2)	----------	17,402	34,721	(2)	----------	2,854	5,549
Rubber footwear .... 1,000 pr.	9,142	6,972	2,673	824	2,589	1,971	4,229	11,842
Tires and inner tubes .... number	194,501	331,869	272,467	1,826,673	448	859	1,630	2,667
Clover seed .... 1,000 lb.	8,484	6,383	4,823	1,483	1,196	953	3,106	736
Hops .... do.	20,840	9,196	12,880	12,955	6,422	2,791	14,267	14,236
Cotton yarn .... do.	36,253	26,869	3,143	419	9,877	6,370	2,081	327
Cotton fabrics .... do.	22,989	17,666	3,850	6,871	17,126	12,184	8,971	17,582
Cotton gloves .... 1,000 pr.	18,660	12,041	460	512	4,233	2,754	295	327
Linen yarn .... 1,000 lb.	10,753	8,384	9	3	3,836	2,864	21	10
Jute fabrics .... do.	32,852	16,579	959	8,823	2,525	1,293	210	2,603
Linen and ramie fabrics .... do.	6,295	4,204	1,307	2,062	4,080	2,897	3,068	4,907
Wool waste .... do.	6,104	3,529	104	4	1,878	832	13	4
Wool yarn .... do.	15,158	10,428	1,670	3,397	10,422	6,156	1,929	4,498
Wool fabrics .... do.	6,125	5,353	243	2,118	9,484	8,167	742	7,786
Silk and rayon fabrics .... do.	5,400	3,248	750	1,249	9,406	5,526	3,044	5,044
Silk and rayon hosiery .... 1,000 pr.	14,960	13,713	2,522	5,654	3,392	3,047	2,677	4,679
Clothing, linen and other sewn articles .... 1,000 lb.	11,825	8,254	978	2,075	10,249	8,120	3,235	9,296
Hats and hat forms .... thousand	6,797	5,042	795	1,792	4,468	3,248	2,092	4,322
Logs, hewn timber .... long tons	485,045	379,119	4,351	16,005	5,362	4,559	159	453
Sawmill products .... do.	345,128	253,895	95,177	310,460	8,612	6,773	7,068	24,981
Pulpwood .... do.	258,801	229,471	3,741	17,625	2,627	2,746	87	498
Wood pulp, chemical .... do.	133,632	96,054	27,379	41,093	8,176	5,763	4,323	7,194
Paper and manufactures .... 1,000 lb.	125,355	92,251	28,237	79,836	7,421	5,272	5,112	13,202
Coal .... 1,000 long tons	2,189	1,457	25	34	9,154	6,340	253	635
Lignite .... do.	1,816	1,244	309	944	6,178	4,424	2,062	7,176
Coke and briquets .... do.	1,032	725	271	571	5,960	4,190	4,864	12,548
Pitch (coal-tar base) .... 1,000 lb.	17,040	16,463	136,797	67,158	98	85	1,723	926
Sheet and plate glass .... do.	140,657	82,859	62,470	170,936	5,197	2,895	2,965	9,783
Glassware, pressed .... do.	30,140	22,401	5,855	8,973	3,709	2,422	1,993	3,469
Glassware, hollow .... do.	82,211	58,410	24,243	74,842	8,905	6,578	7,661	19,839
Glass beads, imitation stones, and products .... 1,000 lb.	8,780	5,061	2,548	4,951	4,750	3,076	11,966	13,928
Kaolin .... do.	519,984	390,488	63,729	126,224	2,423	1,792	754	1,640
Clays, other .... do.	792,926	626,376	119,973	270,982	1,894	1,440	543	1,679
Porcelain wares .... do.	26,893	20,053	7,644	17,501	4,254	3,013	3,651	8,478
Tiles .... do.	42,721	36,924	15,922	34,822	1,750	1,409	1,584	4,789
Steel mill products:								
Bars, sheets, wire .... long tons	246,016	199,782	142,859	207,494	15,891	16,771	18,921	33,683
Other .... do.	186,120	221,907	93,509	173,958	12,895	14,758	15,723	35,071
Sheet-metal manufactures .... do.	6,687	4,583	1,221	4,524	3,065	1,858	949	3,898
Iron and steel manufactures, other .... long tons	29,979	25,392	8,980	21,884	22,439	25,467	5,710	14,206
Electrical machinery and apparatus	----------	----------	----------	----------	3,406	3,976	6,383	17,850
Self-propelled steam engines (locomobiles) .... number	2	5	43	44	19	9	960	1,284
Metalworking machinery .... do.	4,380	4,543	3,523	6,109	2,754	3,644	9,205	13,338
Agricultural machinery .... do.	44,015	40,986	19,655	38,773	3,616	5,122	1,046	5,313
Motor trucks and chassis .... do.	193	133	61	1,313	438	1,032	289	5,879
Passenger cars .... do.	1,801	2,442	1,006	5,505	1,315	1,718	1,291	8,057
Airplanes .... do.	201	246	2	42	3,191	2,095	8	319
Railway freight cars .... do.	190	8	100	1,362	159	23	756	5,871
Arms and explosives .... 1,000 lb.	10,777	23,091	3,790	3,915	12,125	24,131	1,465	3,551
Pencils .... do.	748	529	547	1,018	960	690	1,313	2,371
Gablonz ware[3] .... do.	6,797	4,417	558	1,126	10,274	7,100	5,179	7,727
Buttons:								
Glass .... do.	3,552	2,112	1,062	1,397	2,707	1,724	2,213	2,757
Other .... do.	3,694	1,946	414	832	3,367	2,050	961	1,744
Other merchandise	----------	----------	----------	----------	73,588	65,113	40,700	119,085
Returned goods[4]	----------	----------	----------	----------	456	501	6	28
Bullion and coin[4]	----------	----------	----------	----------	355	115	----------	----------

[1] Provisional figures. [2] Negligible. [3] Wares of metal, glass or earthenware characterized by a special finish or glaze said to have originated in the town of Gablonz. [4] Not included in totals.

Trade with the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Imports for consumption from the United States, total	----------	----------	----------	----------	**33,533**	**29,469**	**17,041**	**58,325**
Lard .... 1,000 lb	2,587	7,203	----------	11,025	316	768	--------	2,903
Hides and skins .... do	2,217	2,015	530	661	309	216	678	1,310
Leather and leather waste .... do	363	155	3	8	392	224	15	52
Leather gloves .... 1,000 pr	4	(2)	172	(2)	3	(2)	232	(2)
Furs, dressed .... 1,000 lb	37	27	62	234	162	142	657	956
Apples, fresh .... do	6,250	9,676	----------	(3)	392	666	--------	(3)
Prunes .... do	9,370	13,378	----------	----------	311	425	--------	--------
Fruits and preparations, other .... 1,000 lb	14,203	20,715	----------	(3)	778	956	--------	(3)
Rubber scrap .... do	----------	19	1,368	125	--------	5	110	6
Rubber manufactures .... do	----------	----------	----------	----------	172	169	785	2,551
Turpentine and resins .... do	18,232	14,068	459	17,505	786	419	42	1,950
Sugar-beet seed .... do	----------	----------	----------	4,613	--------	--------	--------	1,435
Tobacco, leaf .... do	354	93	1,837	2,907	137	22	1,035	1,732
Cotton, raw .... do	93,091	90,151	22,243	43,774	13,536	10,242	7,841	16,159
Wool, raw .... do	(2)	2	1,223	397	(2)	1	601	234
Wool fabrics .... do	(2)	1	736	(3)	(2)	3	463	(3)
Wool wearing apparel .... do	(2)	(2)	157	32	1	(2)	456	157
Petroleum and products .... long tons	39,698	42,366	1,354	6,594	1,915	1,795	188	1,132
Abrasive paper and cloth .... 1,000 lb	396	382	----------	(3)	155	157	--------	(3)
Electrodes .... 1,000 lb	815	586	265	1,230	151	101	48	189
Sulfur, crude .... do	14,477	8,855	8,627	1,312	194	128	159	27
Iron and steel scrap .... long tons	71,971	40,107		(3)	2,065	1,075		(3)
Copper, refined .... 1,000 lb	24,746	49,150	560	24,195	3,467	5,212	102	4,946
Other nonferrous metals, crude:								
Lead .... 1,000 lb	2,196	270	1,362	9,488	129	10	149	1,227
Nickel .... do	392	368	----------	(3)	168	147	--------	(3)
Zinc .... 1,000 lb	67	----------	1,890	27,304	4	--------	189	3,220
Electrical machinery and apparatus	----------	----------	----------	----------	341	409	299	315
Machine tools .... number	298	238	56	14	993	987	27	3
Textile and sewing machinery	----------	----------	----------	----------	354	119	(2)	(3)
Office appliances .... number	10,251	7,692	26	955	690	566	10	114
Automobiles .... do	583	510	123	96	380	442	177	286
Airplanes .... do	3	----------	228	18	201	--------	1,140	151
Coal-tar dyes .... 1,000 lb	362	129	49	311	229	98	80	851
Ethers and esters .... do	2	2	210	3,464	(2)	1	40	852
Phosphate rock .... do	71,829	48,813	----------	(3)	395	299	--------	(3)
Films, all kinds .... do	153	121	9	10	299	264	50	35
Other merchandise	----------	----------	----------	----------	4,108	3,401	1,468	15,532
Returned goods[4]	----------	----------	----------	----------	39	63	(3)	(3)
Bullion and coin[4]	----------	----------	----------	----------	--------	(2)	(3)	(3)
Domestic exports to the United States, total	----------	----------	----------	----------	**38,813**	**22,870**	**21,661**	**25,015**
Hides and skins .... 1,000 lb	1,669	1,103	104	38	682	309	69	57
Leather and leather waste .... do	400	274	29	----------	358	238	5	--------
Leather footwear .... 1,000 pr	3,931	2,627	7	1	3,080	2,065	67	8
Gloves:								
Leather .... do	2,695	1,144	249	87	2,133	884	578	234
Cotton .... do	14,368	7,260	307	287	3,296	1,735	214	196
Other .... do	4,541	1,796	34	11	685	271	19	9
Feathers, bedding .... 1,000 lb	158	187	238	364	140	93	334	207
Malt .... 1,000 bu	1,297	655	----------	----------	1,609	833	--------	--------
Hops .... 1,000 lb	4,538	2,478	3,456	3,734	1,234	708	3,698	4,205
Cotton fabrics .... do	1,528	880	37	69	1,089	596	90	126
Jute fabrics .... do	13,706	4,282	----------	----------	979	324	--------	--------
Linen and ramie fabrics .... do	4,157	2,346	263	142	2,013	1,187	617	327
Wool waste .... do	1,347	214	----------	----------	373	41	--------	--------
Wool fabrics .... do	167	420	4	78	298	495	19	317
Carpets and rugs, wool .... do	475	101	50	199	311	63	41	246
Silk and rayon fabrics .... do	322	138	4	2	531	277	16	5
Clothing, linen and other sewn articles .... do	5,353	2,532	169	169	3,891	1,974	526	546
Hats and hat forms .... thousand	669	285	32	23	605	240	79	97
Artificial flowers and parts .... 1,000 lb	974	441	51	67	1,131	520	279	401
Wood pulp, chemical .... do	86,474	51,507	----------	----------	2,012	1,150	--------	--------
Sheet and plate glass .... do	19,419	10,136	12	----------	581	338	6	--------
Glassware, pressed .... do	4,661	3,099	349	370	1,007	557	363	365
Glassware, hollow .... do	5,641	4,072	1,706	1,101	1,264	860	1,284	1,240

See footnotes at end of table.

MANUFACTURING

Industrial Production

Product	1937	1938	1943	1945	1946
Wheat flour.........1,000 bbl..	1,821	1,769	352	1,458	1,727
Rye flour.........do..	1,619	1,548	3,224	2,584	2,482
Pork and pork products.........1,000 lb..	565,070	528,795	210,888	293,926	319,667
Milk, condensed, powdered.........do..	39,648	40,097	26,199	22,319	45,194
Beer.........1,000 gal..	62,159	61,604	61,287	57,800	77,190
Margarine.........1,000 lb..	171,348	179,128	-------	-------	12,835
Cigars and cheroots.........millions..	884	910	376	503	808
Cigarettes.........do..	1,452	1,536	1,108	1,165	2,085
Cotton yarn.........1,000 lb..	16,755	16,583	73	3,757	11,894
Cotton cloth and articles.........do..	12,921	12,266	1,980	3,069	7,650
Cement.........1,000 metric tons..	676	640	639	220	502
Bricks.........millions..	493	425	511	344	443
Paper and board.........1,000 lb..	169,333	152,644	197,638	141,527	147,047
Paints and varnishes.........do..	45,199	45,346	50,322	31,951	56,217
Oil cakes.........metric tons..	323,894	244,458	16,106	15,565	17,100
Vegetable oils.........do..	141,825	115,916	6,240	6,385	13,900
Shipbuilding, vessels launched [1].........gross tons..	127,876	149,684	52,103	93,148	28,132

[1] Does not include ships built of wood.

Labor conditions.—Average monthly unemployment of organized workers: 1947, 29,209; 1946, 27,831.

Industrial production index (1935 = 100).—1947, 122; 1946, 110; 1945, 81; 1944, 95; 1943, 96; 1939, 117.

Production of electricity.—1947, 1,353 million kilowatt-hours; 1946, 834 million kilowatt-hours.

TRANSPORTATION AND COMMUNICATION

Civil aviation.—1947, with 1946 data in parentheses: Total miles flown, 3,556,396 (2,222,748); passengers carried, 146,825 (99,881); luggage (tons), 1,568.6 (1,145); mail (tons), 1,691.6 (301); freight (tons), 1,582.3 (694).

Statistics of Railways (Government and Private), Years Ended March 31

Item	1937	1938	1944	1945	1946	1947[1]
Length of line, total[2].........miles..	3,153.7	3,112.9	3,022.4	3,022.2	3,136.1	1,496.6
Locomotives (incl. elec.)..number..	1,188	1,184	1,151	1,167	1,168	766
Passenger cars.........do....	2,386	2,340	2,012	1,992	1,997	1,402
Freight cars.........do....	15,970	15,809	16,813	17,409	17,080	13,930
Train-miles, total.......thousands..	26,145	26,587	18,974	17,881	16,199	15,927
Passengers carried.........do....	61,153	61,663	98,978	113,695	100,988	96,182
Passenger-miles.........do....	1,027,962	1,025,731	2,060,465	2,164,582	1,837,281	1,855,438
Freight carried[3]..1,000 metric tons..	7,279	7,225	20,234	18,179	15,094	8,567
Ton-miles.........thousands..	402,037	404,689	1,223,450	1,038,623	847,011	722,355
Gross receipts[4].......1,000 kroner...	142,850	144,777	375,067	363,117	310,456	309,364
Passenger service.........do....	69,732	70,603	160,959	170,359	148,525	166,719
Freight service.........do....	54,674	54,898	191,221	169,706	138,997	109,503

[1] State railways only. On March 31, 1947, the total length of line of private railways was 1,535 miles; number of locomotives, 394.
[2] Average length of line.
[3] Baggage not included.
[4] Including miscellaneous receipts not shown separately.

Posts, Telegraphs, and Telephones, Years Ended March 31

NOTE.—Posts and telegraphs administered by the state; telephones largely private (on government concessions). Data for private telephones cover calendar years.

Item	1937	1938	1943	1945	1946	1947
Number of post offices	1,464	1,477	1,521	1,547	1,553	1,571
Pieces of mail ......thousands	576,410	588,154	606,312	670,524	722,059	(1)
Gross receipts, including telegraph and state telephones ......1,000 kroner	72,533	75,453	99,642	119,260	137,026	164,424
Miles of telegraph wire	7,366	8,890	2,750	1,889	2,509	(1)
Messages sent[2] ......thousands	1,683	1,624	1,499	2,232	2,707	3,035
Telephones, Government:						
Miles of wire	109,968	116,266	147,044	160,012	189,483	[3] 189,557
Number of instruments	13,254	13,740	17,487	19,654	20,480	21,577
Telephones, private:						
Miles of wire ......thousands	1,243	1,313	1,447	1,436	1,483	1,512
Number of instruments	325,251	337,832	397,741	429,523	435,339	[4] 452,552
Gross receipts ......1,000 kroner	53,414	55,601	72,443	85,768	88,424	98,383

[1] Not available.
[2] Does not include messages received from other countries or those in transit.
[3] Includes also length of Government telegraph wire and conductors.
[4] December 31, 1946.

Merchant marine.—Vessels (100 tons or over and excluding sailing vessels) 1947, with 1946 data in parentheses: Number, 673 (562); capacity, gross tons, 1,045,000 (830,000), of which motor ships, 585,000 (489,000) and steam ships, 460,000 (341,000).

Entrances of Vessels in Foreign Trade

Item	1937	1938	1941	1942	1943	1944	1945	1946
Number of vessels	38,952	37,103	16,263	17,302	17,818	13,830	6,539	10,498
Capacity (1,000 net registered tons):								
Total	14,266	14,837	5,596	5,960	6,219	4,922	2,319	5,244
With cargo	13,784	14,337	5,382	5,680	5,698	4,560	2,151	4,887
In ballast	482	500	214	280	521	362	168	357
Weight of cargo (1,000 metric tons)	11,650	10,916	4,963	4,655	4,805	4,720	2,385	6,868

FOREIGN TRADE

Per capita trade.—1947: Imports, $154.30; exports, $115.80.

Basis of trade statistics.—Silver bullion included in totals; specie and gold bullion excluded. General trade 1934-37; special trade beginning with 1938. Goods to be transshipped as well as goods in transit for foreign account are excluded. Quantity figures indicate net quantity, including the immediate packaging. Value figures are on the basis of prices at the frontier port or frontier station; imports c.i.f., exports f.o.b. Classification by countries based on country of purchase (for some goods, country of shipment) and country of sale. All 1947 figures are preliminary.

Foreign trade values for 1934-45 have been converted from Danish crowns to United States dollars at the annual average rates of exchange quoted in the table on page 38; for 1946 and 1947, at $0.20838.

Value of Imports and Exports

Year	Thousands of crowns			Thousands of dollars		
	Imports	Domestic exports	Reexports	Imports	Domestic exports	Reexports
1934	1,354,211	1,175,504	58,864	304,697	264,488	13,244
1935	1,330,151	1,213,410	54,068	291,037	265,494	11,830
1936	1,486,034	1,326,521	53,079	329,751	294,355	11,778
1937	1,701,697	1,541,365	65,131	374,544	339,254	14,335
1938	1,625,327	1,534,873		353,671	333,988	
1939	1,740,347	1,577,973		353,464	320,486	
1940	1,376,836	1,517,362		265,729	292,851	
1941	1,311,372	1,278,276		253,095	246,707	
1942	1,209,824	1,053,434		251,522	219,009	
1943	1,224,950	1,337,754		255,647	279,189	
1944	1,166,801	1,360,467		243,511	283,929	
1945	696,408	903,697		145,131	188,330	
1946	2,847,546	1,617,914		593,372	337,141	
1947	3,087,144	2,316,205		643,299	482,651	

Trade with Principal Countries (Thousands of Dollars)

Country of purchase or sale	Imports for consumption				Exports of Danish products			
	1938	1939	1946	1947	1938	1939	1946	1947
Total	**353, 671**	**353, 464**	**593, 372**	**643, 299**	**333, 988**	**320, 486**	**337, 141**	**482, 651**
United States	27, 837	26, 022	53, 401	126, 010	3, 720	4, 349	10, 571	[1] 17, 922
Argentina	3, 514	4, 486	15, 992	17, 828	988	657	543	1, 670
Brazil	4, 208	5, 850	14, 161	13, 047	1, 498	809	739	1, 016
Austria	835	(2)	48	595	282	(2)	623	2, 713
Belgium	8, 200	8, 457	27, 158	51, 542	5, 008	4, 468	24, 680	42, 064
Czechoslovakia	2, 021	1, 020	10, 844	13, 331	728	855	9, 337	13, 883
Finland	6, 391	6, 406	22, 557	28, 177	5, 320	4, 093	17, 607	22, 431
France	4, 362	5, 755	15, 937	21, 210	4, 758	3, 216	12, 885	12, 465
Germany	86, 815	95, 475	24, 488	22, 185	66, 242	74, 858	15, 236	21, 192
Italy	3, 442	3, 050	5, 820	20, 639	1, 362	2, 307	5, 242	16, 462
Netherlands	13, 463	12, 271	9, 985	11, 346	5, 683	5, 976	10, 008	12, 669
Norway	8, 952	8, 172	29, 726	32, 841	8, 885	11, 321	21, 173	25, 988
Poland and Danzig	3, 632	2, 923	9, 974	19, 063	2, 209	3, 279	11, 185	36, 523
Sweden	23, 177	25, 722	41, 786	44, 496	16, 202	15, 737	36, 000	43, 476
Switzerland	4, 433	4, 022	11, 404	17, 346	2, 451	3, 954	15, 501	36, 219
U. S. S. R.	4, 922	2, 428	2, 358	[3] 19, 396	127	121	9, 453	16, 502
United Kingdom	122, 355	116, 286	268, 627	[4] 139, 911	187, 330	167, 862	107, 034	[5] 120, 147
China	3, 006	2, 537	2	386	1, 856	1, 376	212	70
Netherlands Indies	2, 279	1, 753	----------	----------	259	239	112	166
Philippines	331	484	186	8, 779	46	36	147	178
Other countries	19, 496	20, 345	28, 918	35, 171	19, 034	14, 973	28, 761	38, 895
Percent of total:								
United States	8. 0	7. 4	9. 0	19. 6	1. 1	1. 3	3. 1	3. 7
Belgium	2. 3	2. 4	4. 6	8. 0	1. 5	1. 4	7. 3	8. 7
Finland	1. 8	1. 8	3. 8	4. 4	1. 6	1. 3	5. 2	4. 6
Germany	25. 0	[6] 27. 0	4. 2	3. 4	19. 8	[6] 23. 0	4. 5	4. 4
Italy	1. 0	. 9	1. 0	3. 2	. 4	. 7	1. 6	3. 4
Norway	2. 6	2. 3	5. 0	5. 1	2. 7	3. 5	6. 3	5. 4
Poland and Danzig	1. 0	. 8	1. 7	3. 0	. 7	1. 0	3. 3	7. 6
Sweden	6. 7	7. 3	7. 0	6. 9	4. 9	4. 8	10. 7	9. 0
Switzerland	1. 3	1. 1	1. 9	2. 7	. 7	1. 2	4. 6	7. 5
U. S. S. R.	1. 4	. 7	. 4	3. 0	----------	----------	2. 8	3. 4
United Kingdom	35. 2	32. 9	45. 3	21. 7	56. 1	51. 7	31. 8	24. 9

[1] Includes exports amounting to 46,725,000 crowns ($9,737,000) to Germany.
[2] Included with Germany.
[3] Includes 44,044,000 crowns ($9,178,000) from Russiaa Zone of Germany.
[4] Includes imports amounting to 267,000 crowns ($56,000) from British Zone of Germany.
[5] Includes exports amounting to 33,314,000 crowns ($6,942,000) to Germany.
[6] Includes Austria.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Imports for consumption, total	----------	----------	----------	----------	**353, 671**	**353, 464**	**593, 372**	**643, 299**
Horses and colts.......number	2, 833	1, 553	103	57	372	191	75	104
Fish and shellfish......1,000 lb	53, 123	57, 707	15, 753	36, 581	1, 837	1, 939	1, 851	3, 818
Wheat..............1,000 bu	6, 102	3, 606	2	1, 210	7, 382	3, 140	6	4, 083
Rye..................do	4, 547	3, 459	979	2, 094	3, 432	1, 956	2, 070	8, 031
Barley...............do	1, 201	51	128	34	823	25	168	56
Corn.................do	11, 612	5, 655	351	722	9, 106	3, 645	521	1, 594
Wheat flour..........1,000 cwt	437	398	----------	17	1, 058	686	----------	128
Fruits and nuts........1,000 lb	110, 960	105, 609	48, 380	14, 861	6, 275	5, 820	7, 037	1, 614
Coffee, green.............do	76, 077	87, 777	28, 752	28, 321	4, 778	5, 716	5, 049	5, 994
Oil cake and meal:								
Cotton seed......long tons	343, 444	314, 829	66, 010	40, 556	10, 764	9, 189	5, 131	4, 529
Sunflower.............do	111, 160	121, 948	22, 373	40, 362	3, 733	3, 661	2, 000	5, 050
Other..................do	300, 178	271, 900	144, 082	100, 861	9, 984	8, 089	13, 020	11, 472
Bran and feeds............do	42, 668	23, 295	22, 860	74, 897	1, 368	681	1, 712	6, 432
Copra................1,000 lb	166, 024	164, 951	19, 830	100, 356	4, 212	3, 500	1, 043	10, 477
Soybeans..................do	418, 425	203, 294	981	4, 478	7, 409	3, 687	50	349
Oilseeds, other...........do	221, 750	286, 684	26, 999	18, 473	4, 757	5. 635	1, 202	2, 150
Train oil.................do	102, 099	72, 239	13, 989	22, 669	3, 677	2, 340	2, 196	4, 288
Tobacco, unmanufactured...do	22, 261	27, 429	27, 917	18, 932	5, 593	6, 524	14, 127	10, 328
Hides and skins...........do	13, 066	12, 338	3, 353	3, 027	1, 636	1, 426	895	732

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Imports for consumption —Continued								
Leather............1,000 lb..	1,933	2,312	1,596	611	2,302	2,870	2,200	1,002
Cotton, raw............do....	19,185	20,026	15,504	15,165	2,035	2,126	4,002	5,075
Wool, sheep's............do....	7,414	7,549	14,994	18,499	2,566	2,401	8,044	12,062
Yarn, thread, cordage:								
Wool yarn............do....	3,315	4,067	1,629	3,653	2,406	2,525	2,563	5,875
Rayon yarn............do....	2,724	3,854	2,381	3,605	1,463	1,885	3,539	5,346
Other kinds............do....	8,986	11,750	11,997	11,110	3,343	3,982	7,290	10,483
Cotton piece goods:								
Unbleached............do....	3,627	4,245	1,221	970	1,040	1,067	1,508	1,073
Bleached............do....	2,349	2,571	1,633	1,180	1,165	1,147	2,270	1,989
Printed, colored or dyed............do....	9,131	9,721	3,745	2,912	5,762	5,607	7,237	6,256
Wool piece goods............do....	6,229	6,492	6,067	3,446	7,870	7,725	14,915	9,905
Rayon piece goods............do....	1,786	1,898	4,905	2,584	2,888	2,743	21,229	13,728
Knit goods............do....	939	1,005	4,234	872	1,915	2,212	13,685	3,994
Clothing............do....	1,178	1,039	8,368	....	2,984	2,756	24,740	5,616
Wood of conifers, hewn or sawn....1,000 bd ft..	307,327	376,139	236,026	203,270	9,473	10,969	16,969	19,318
Other wood or cork............	....	....	....	....	4,136	4,224	10,314	12,067
Wood pulp............short tons..	84,869	89,403	96,857	121,847	2,124	1,773	4,832	8,568
Paper and cardboard:								
Newsprint............1,000 lb..	112,721	139,431	94,928	90,384	2,367	2,649	4,778	5,197
Other............do....	110,068	153,141	186,122	158,881	5,846	6,607	16,845	16,726
Rubber and rubber manufactures............do....	15,079	16,248	25,654	20,256	3,424	3,675	8,444	7,674
Coal............1,000 short tons..	4,250	4,715	2,825	3,781	21,122	26,417	36,487	62,299
Coke and cinders............do....	1,530	1,649	1,334	674	11,610	13,186	19,887	12,489
Gasoline............1,000 bbl..	2,858	2,881	1,845	2,424	8,297	8,346	6,576	10,843
Kerosene............do....	900	806	267	257	2,398	2,056	876	1,050
Fuel oil............do....	2,679	2,862	2,533	5,736	5,407	5,257	7,349	19,075
Lubricating oil............do....	192	248	253	187	1,549	1,757	3,133	2,906
Glass and glassware....1,000 lb..	20,226	23,551	26,073	63,971	2,008	2,133	3,031	5,864
Iron and steel:								
Bars and shapes..short tons..	133,714	203,251	124,599	119,686	6,777	9,036	12,304	12,669
Sheets, plates and hoop-iron............do....	168,919	207,984	174,816	148,737	11,201	12,473	19,621	20,455
Pipes and fittings.....do....	31,189	42,850	40,505	40,514	2,789	3,514	6,351	7,303
Other crude or semi-manufactures............do....	91,853	127,741	95,365	97,567	3,908	4,580	8,404	9,241
Manufactures............do....	18,994	25,186	24,935	24,934	6,791	7,535	14,939	12,332
Metals, other............1,000 lb..	70,845	98,242	86,708	89,276	6,634	8,521	14,360	18,535
Machinery, electric and parts...	....	....	....	....	5,427	5,483	7,829	9,638
Machinery, other and parts............long tons..	17,509	21,696	14,578	22,548	11,041	12,863	15,479	25,613
Automobiles:								
Complete............number..	5,300	5,061	11,236	4,643	3,097	2,779	13,802	7,492
In parts for assembling............do....	....	....	9,844	11,740	9,240	10,438	10,255	13,755
Automobile parts.....long tons..	1,792	1,768	1,178	1,406	1,397	1,325	1,709	2,018
Ships over 100 gross reg. tons.......gross reg. tons..	28,612	8,512	[1] 16,773	153,906	2,626	348	[1] 2,231	19,074
Chemicals............	....	....	....	....	7,069	8,562	19,599	14,982
Fertilizers............1,000 lb..	1,413,926	1,332,209	1,098,356	1,489,983	14,041	12,048	16,531	24,175
Dyes, paints and varnishes............do....	25,871	32,224	28,938	23,606	2,702	3,174	5,743	5,427
Silver, crude......1,000 troy oz..	1,408	1,331	2,134	749	578	547	2,175	620
Silver, plates, bars, wires..do....	778	739	1,180	494	331	300	970	396
Gold, plates, bars, wires..do....	10	10	40	15	[2] 289	[2] 305	[2] 1,113	[2] 490
Other merchandise............	....	....	....	....	52,037	53,688	109,061	91,375

[1] In addition, five ships totaling 336 gross registered tons were received from the Allied Powers.
[2] In addition, there was imported gold in bars, and similar, for goldsmiths to the amount of $51,000 in 1938; $48,000 in 1939; $113,000 in 1946; and $1,000 in 1947.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Exports of Danish products, total					**333,988**	**320,486**	**337,141**	**482,651**
Horses......number	14,322	15,442	[1] 35,711	48,886	2,536	2,809	11,898	18,092
Cattle......do	134,058	163,222	144,537	236,911	10,684	12,652	18,872	33,915
Hogs......do	113,943	137,137	55	3	4,462	5,041	11	1
Bacon......1,000 lb	383,699	405,170	116,803	97,259	78,833	78,134	30,195	30,188
Meats, canned......do	15,001	12,846	2,769	6,505	3,162	2,593	1,211	3,347
Meats, other......do	73,093	90,436	91,163	93,963	7,749	9,091	21,607	27,150
Sausage casings......do	19,605	22,160	9,866	12,964	2,207	2,017	1,807	3,151
Lard......do	23,241	19,232	735	13,011	2,437	1,847	401	7,302
Milk, condensed or dried......do	39,358	39,534	31,369	42,299	2,842	2,870	5,194	7,957
Butter......do	348,454	330,262	171,129	192,044	82,392	75,465	73,636	97,731
Cheese......do	20,083	21,141	21,853	29,344	3,032	3,083	6,951	9,938
Eggs, fresh......1,000 doz	120,943	133,010	14,166	24,161	28,281	27,524	5,527	9,801
Eggs, preserved......do	8,917	9,783	2,143	4,241	1,993	2,176	922	2,109
Fish and shellfish......1,000 lb	120,991	145,200	208,443	217,678	7,770	8,243	[2] 32,610	36,080
Barley......1,000 bu	4,897	4,010	2,001	4,176	3,482	2,218	4,799	13,399
Coconut oil......1,000 lb	41,300	24,728	2,094	8,363	1,850	940	257	1,947
Soybean oil......do	18,124	4,285	----	22	928	224	----	9
Vegetable oils, other......do	32,413	38,000	972	2,134	2,033	2,085	266	831
Fish and animal fats and oils......do	78,873	58,615	3,697	5,135	4,211	2,876	1,059	1,751
Potatoes......do	44,148	76,402	457,103	445,059	419	691	11,033	11,418
Sugar, cane and beet......do	57,870	4,511	95,790	108,280	672	137	7,751	9,777
Ale......1,000 gal	2,117	2,156	2,041	3,465	846	816	1,948	3,557
Oil cake, fodder......long tons	105,723	39,502	10,007	7,392	3,349	1,117	254	246
Hides and skins, undressed......1,000 lb	28,099	30,094	13,827	5,912	3,088	3,675	2,956	1,518
Seeds for sowing......do	31,473	37,785	39,926	23,964	2,878	4,068	10,720	6,856
Cryolite, cleaned......do	59,905	68,498	19,016	28,005	4,068	4,363	1,510	2,243
Portland cement......1,000 bbl	1,283	1,362	344	900	1,148	1,177	880	2,564
Scrap iron......short tons	95,753	98,249	49,768	56,364	1,118	1,141	896	1,240
Other common metals and manufactures......do	88,111	119,679	26,693	17,180	4,726	4,740	5,027	10,018
Machinery, electric and parts	----	----	----	----	3,017	2,971	5,582	8,068
Machinery, other and parts	----	----	----	----	12,313	10,971	20,640	27,657
Automobiles and chassis......number	9,915	8,853	5,481	8,931	6,748	5,606	6,834	12,864
Ships over 100 gross registered tons......gross r. tons	128,019	103,385	13,247	43,155	16,011	13,569	3,633	8,683
Chemicals	----	----	----	----	3,854	4,415	7,683	12,688
Small arms	----	----	----	----	3,083	2,522	78	[3] 97
Silver, crude and waste......1,000 troy oz	2,858	2,328	469	1,540	124	56	73	84
Silver plates, bars, and wire......do	16	6	----	(4)	8	6	----	(4)
Gold plates, bars, and wire......troy oz	(4)	64	579	322	1	3	[5] 19	18
Other Danish merchandise	----	----	----	----	15,633	16,554	32,401	58,356

[1] An additional 10,000 horses exported as gift to UNRRA.
[2] In addition, fish valued at 5,000,000 crowns ($1,042,000) exported as gift to UNRRA.
[3] Includes all arms.
[4] Negligible.
[5] In addition there was exported gold in bars to the amount of $233,000.

Trade with the United States (Thousands of Dollars)

Commodity class	Imports from United States				Exports to United States			
	1938	1939	1946	1947	1938	1939	1946	1947
Total	**27,837**	**26,022**	**53,401**	**126,010**	**3,720**	**4,349**	**10,571**	**[1] 17,922**
Meat products		2			523	292	1,289	1,547
Dairy products				104	714	661	4,349	7,544
Fish and shellfish	114	122			5	5	54	106
Grains and preparations	9,944	2,849	6	3,400	64	81	159	259
Fruits and nuts	1,987	1,613	2	6			6	135
Coffee, tea, cacao	1	233	1	261	1	(2)	10	289
Oil cake, fodder	2,054	347	(2)	3,639	(2)	(2)	6	3
Tobacco	780	885	3,535	5,058		(2)	1	2
Hides and leather	1	1	(2)	1	107	85	165	247
Rubber and rubber products	49	64	2,015	2,520				
Textile fibers	1,849	1,825	5	41	42	21		60
Textile manufactures	30	66	566	1,338	47	93	250	10
Wood, cork, and manufactures	495	452	259	477	13	6	466	710
Pulp, paper, and manufactures	250	279	27	119	3	31	9	9
Gasoline, kerosene, fuel oil	1,433	5,756	10,330	17,438				
Other petroleum products	513	1,143	1,696	2,495	(2)	(2)		
Minerals, crude	35	117	25	51	325	474	87	145
Clay manufactures	(2)	(2)	(2)	1	96	104	135	252
Metals and manufactures	436	995	3,900	7,519	13	13	131	184
Coal, coke, and briquets		138	16,392	44,847	6			(2)
Machinery	510	583	1,537	4,240	68	54	69	1,443
Land and air vehicles	6,310	6,156	9,570	9,608		4		1,755
Vessels		1		15,149	707	1,001		
Oilseeds	148	1,227	1,229	741	17	232	378	150
Oils and fats	1	22	6	1,941	60	67	76	761
Chemicals and related products	222	380	1,023	1,308	114	145	71	321
Gold and silver wares, pearls, precious stones		1		286	275	312	90	295
Silver, crude, bars, wires and plates	3	56	46					
Gold, crude, bars, wires and plates	2	2	(2)					
Other merchandise	670	707	1,231	3,422	520	668	2,770	1,695

[1] Includes exports to Germany amounting to 46,725,000 crowns ($9,737,000).
[2] Less than $500.

FINANCE

Government Receipts and Expenditures (Millions of Kroner)

Item	1937-38 actual	1938-39 actual	1942-43 actual	1945-46 actual
Current receipts	**657.8**	**672.5**	**1,218.3**	**1,576.1**
Surplus in state enterprises			19.0	
Interest on capital	18.4	16.4	38.1	83.8
Interest on investments in building and equipment	51.8	53.0	56.0	52.5
Property taxes	13.6	13.9	14.0	15.4
Income and capital taxes	180.1	196.3	437.9	726.5
Other taxes and duties	384.7	383.6	642.2	681.7
Other current receipts	9.2	9.3	10.3	16.2
Capital receipts	1,145.1	1,262.8	3,251.4	6,628.9
Current expenditures	**634.3**	**652.3**	**1,174.5**	**1,787.7**
Deficit in state enterprises	17.6	23.8		12.8
Administration	41.5	43.7	56.6	82.2
Public welfare	167.2	180.4	332.2	507.3
Education	69.2	71.8	98.0	129.9
Public health	18.7	20.4	37.6	53.7
National defense	59.2	61.7	91.8	149.7
Price subventions[1]			112.3	119.4
Interest on debt	75.1	75.0	83.5	137.0
Other current expenditures	185.8	175.5	362.6	595.7
Capital expenditures	1,145.1	1,262.8	3,251.4	6,628.9

[1] Price rebates to low-wage earners.

Public debt.—Total (million kroner), March 31, 1947, 4,793 (internal, 1,195; external, 761; special, 2,511; others, 326); earlier years, 1938 to 1946 consecutively: 1,566.9; 1,558.9; 1,662.7; 1,633.4; 1,941.0; 2,528.7; 3,234.5; 4,365.3; 4,775.6.

Price indexes.—Wholesale price index (home-type goods) (1937 = 100): 1946, 175; 1947, 188. Cost of living index (1937 = 100): 1946, 161; 1947, 166.

Currency and exchange.—Currency unit is the krone, initial par value announced by the International Monetary Fund $0.208376 ($1.00 = 4.79901 kroner). Gold standard suspended 1931. Chief circulating medium, notes of National Bank of Denmark. Reserve requirement (since May 1, 1936), 25 percent gold, of which not more than 5 percent credits with central banks of foreign countries.

National Bank of Denmark position December 31, 1947 (1946 data in parentheses), million kroner: Note circulation, 1,641.2 (1,632.9); gold reserve, 70.6 (82 7); net foreign exchange indebtedness, 650 (402).

Average Exchange Rates of the Danish Krone

NOTE.—Rates from 1927 to 1936 represent noon buying rates for cable transfers, New York on Copenhagen; from 1937 to December 1947 equivalent to the selling rate of the Danish National Bank.

Year	Rate	Year	Rate	Year	Rate	Month	1946	1947	Month	1946	1947
1927	$0.2673	1934	$0.2250	1941	$0.1930	Jan.	$0.2079	$0.2079	July	$0.2079	$0.2079
1928	.2674	1935	.2188	1942	.2079	Feb.	.2079	.2079	Aug.	.2079	.2079
1929	.2668	1936	.2219	1943	.2087	Mar.	.2079	.2079	Sept.	.2079	.2079
1930	.2676	1937	.2201	1944	.2087	Apr.	.2079	.2079	Oct.	.2079	.2079
1931	.2506	1938	.2176	1945	.2084	May	.2079	.2079	Nov.	.2079	.2079
1932	.1883	1939	.2031	1946	.2079	June	.2079	.2079	Dec.	.2079	.2079
1933	.1907	1940	.1930	1947	.2079						

PRINCIPAL SOURCES

Statistisk Aarbog for Danmark.
Statistiske Efterretninger.
Denmark, 1947, published by Royal Danish Ministry for Foreign Affairs and the Danish Statistical Department, Köbenhavn.
Danmarks Vareindforsel og—Udforsel (annual).
Vareomsaetningen med Udlandet, 1947.

EGYPT

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, occupied lands, about 13,600 square miles; total area about 386,000 square miles. Population, census 1917, 12,750,918; 1927, 14,217,864; 1937, 15,920,694; 1947 (not including 49,320 nomads), 19,042,784 (preliminary figures).

Chief cities, 1947 census (1937 census data in parentheses): Cairo Governorate, 2,100,506 (1,312,096); Alexandria Governorate, 925,081 (685,736); Canal Governorate (includes Port Said), 246,770 (161,146); Suez Governorate, 108,250 (49,686); Damietta Governorate, 53,620 (40,332).

AGRICULTURE

Area in crops and orchards, 1946–47, 9,016,140 acres. Livestock (thousands), 1942: Cattle, 1,202; buffaloes, 1,001; sheep, 1,424; swine, 31; goats, 760; camels, 174; asses, 827.

Principal Crops: Area and Production
[Yearly averages and years]

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1926-30	1931-35	1937	1946	1947	1926-30	1931-35	1937	1946	1947
Wheat	1,583	1,549	1,421	1,586	1,692	40,766	43,822	45,377	42,725	38,371
Barley	364	308	271	245	246	11,206	10,098	10,574	8,157	7,793
Corn	2,066	1,829	1,619	1,653	1,669	76,079	68,147	65,004	55,980	55,170
Beans	479	484	401	381	396	11,283	11,819	10,879	11,020	9,602
Rice	325	378	273	632	805	19,933	23,277	18,237	48,417	62,533
Onions	49	45	41	23	34	[1] 703,387	[1] 639,762	[1] 618,156	[1] 328,845	[1] 422,441
Sugarcane	95	68	68	92	97	[2] 1,699	[2] 2,181	2,383	[2] 2,644	[2] 2,530
Grain sorghum	------	------	332	551	563	------	------	16,312	20,679	22,755
Cane sugar[3]	------	------	------	------	------	[2] 100	[2] 148	[2] 138	[2] 180	[2] 196
Cotton[3]	1,861	1,657	1,852	1,213	1,302	[1] 764,800	[1] 712,698	[1] 902,030	[1] 600,811	[1] 630,915

[1] Unit, pound.
[2] Unit, metric ton.
[3] Seasons ended following year.

MINING, QUARRYING, AND MANUFACTURING

Principal mineral production.—1944 (1943 in parentheses): Sodium carbonate (metric tons), 15,000 (13,250); talc (metric tons), 4,265 (2,054); cement (metric tons), 423,902 (322,859); petroleum (1947) 9,310,000 bbls.(1946, 9,070,000 bbls.); basalt (cu. meters), 142,027 (125,437); limestone (cu. meters), 1,075,874 (1,001,929); fine gold (ounces), 1,036 (890).

Manufacturing.—Production statistics not available. Principal industries, following extensive wartime development: Flour milling; brewing; sugar refining; vegetable-oil pressing; soap and glycerin; cigarettes and other tobacco products; cotton ginning and pressing; textiles; paper; cement; base-metal working (especially foundry work and castings, tinplate, wire and nails, copper rolling); shipbuilding and ship repair; electrical appliances and equipment; oxygen and hydrogen, sulfuric acid, superphosphates, and other chemicals.

TRANSPORTATION AND COMMUNICATION

Railways.—Government, main lines and branches, 3,818 miles, in February 1948; private, about 861 miles. Government railways, fiscal year ending February 29, 1948: Locomotives, 652; passenger cars, 1,384; freight cars, all types, 16,101. Operations of Government railways, 1944–45: Tons of freight carried, 9,128,009; passengers carried, 60,000,000; net receipts, $31,000,000.

Shipping.—Data for calendar year 1947, with 1946 in parentheses. Suez Canal: Total ships passing through Canal, 5,972 (5,057); total net tonnage, 36,126,507 (32,750,000).

Percentage value of imports handled by principal ports: Alexandria, 72.7 (70.3); Port Said, 14.1 (12.1); Suez, 6.5 (8.8). Percentage value of exports handled by principal ports: Alexandria, 91.7 (90.8); Port Said, 2.6 (3.1); Suez, 2.5 (3.4).

Posts, telegraphs, telephones, and radio.—Posts (no current information available). Telegraphs, Government, 1945: 4,333,000 telegrams handled; radio telegraph circuits (1948), 5. Telephones, Government, 1948: Number of instruments, 72,330 (57,800 automatic type, 14,530 manual type); number of telephones per 100 population, .40; number of telephone conversations (1945), 380,000,000; radio telephone circuits, 5; international land telephone lines, 4. Radio, 1948: Long-wave broadcast stations, 5; short-wave broadcast stations, 1.

FOREIGN TRADE

Per capita trade.—1947: Imports, $22.05; exports, $19.45.

Basis of trade statistics.—Transit and transshipment trade excluded. Value of imports based on declared c. i. f. values; value of exports, on declared f. o .b. values, including any customs duties. Data exclude trade with Anglo-Egyptian Sudan.

Foreign trade values for 1934–47 have been converted from Egyptian pounds to United States dollars at the following rates: 1934, $5.1685; 1935, $5.0260; 1936, $5.0968; 1937, $5.0692; 1938, $5.0130; 1939, $4.5707; 1940–45, $4.1359; 1946, $4.1358; 1947, $4.133.

Value of Imports and Exports

Year	Thousands of Egyptian pounds					Thousands of dollars				
	Imports for consumption[1]	Exports including reexports[1]	Domestic exports[1]	Specie and gold bullion		Imports for consumption[1]	Exports including reexports[1]	Domestic exports[1]	Specie and gold bullion	
				Imports	Exports				Imports	Exports
1934	29, 248	31, 618	31, 050	55	7	151, 171	163, 416	160, 481	286	36
1935	32, 213	35, 410	34, 423	26	1275	161, 903	177, 971	173, 011	130	6, 409
1936	31, 504	33, 867	32, 971	29	9	160, 568	172, 613	168, 044	149	44
1937	37, 971	39, 283	38, 419	67	1, 341	192, 484	199, 136	194, 753	339	6, 797
1938	36, 705	29, 364	28, 587	250	761	184, 001	147, 199	143, 308	1, 251	3, 817
1939	33, 758	33, 192	32, 451	333	1, 639	154, 297	151, 712	148, 324	1, 522	7, 491
1940	31, 337	28, 319	27, 811	40	2	129, 608	117, 126	115, 025	167	8
1941	33, 101	22, 611	22, 122	27	1	136, 901	93, 518	91, 496	111	3
1942	55, 280	19, 285	18, 748	232	--------	228, 634	79, 761	77, 540	958	--------
1943	39, 072	26, 579	25, 030	125	(2)	161, 596	109, 929	103, 523	516	1
1944	50, 482	29, 978	26, 922	525	23	208, 789	123, 985	111, 345	2, 172	97
1945	59, 680	45, 159	41, 630	796	--------	246, 830	186, 775	172, 178	3, 292	--------
1946	81, 094	68, 993	63, 681	2, 154	(2)	335, 389	285, 341	263, 370	8, 907	(2)
1947	101, 687	89, 574	85, 716	2, 217	263	420, 272	370, 210	354, 265	9, 161	1, 085

[1] Excluding specie and gold bullion. [2] Less than one-half the unit.

Trade with Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports for consumption				Exports of Egyptian products			
	1937	1938	1946	1947	1937	1938	1946	1947
Total[1]	**192, 484**	**184, 001**	**335, 389**	**420, 272**	**[2] 194, 753**	**[2] 143, 308**	**[2] 263, 370**	**[2] 354, 265**
United States	10, 864	12, 312	37, 673	48, 047	7, 889	3, 547	23, 036	23, 849
Canada	191	257	11, 750	3, 835	500	399	106	1, 383
Brazil	865	912	4, 308	4, 611	1	2	17	191
Chile	6, 876	4, 896	8, 889	18, 727	650	739	--------	(3)
Belgium and Luxembourg	11, 602	10, 372	9, 246	23, 670	4, 055	2, 330	4, 851	6, 935
Czechoslovakia	3, 742	2, 893	731	8, 111	6, 398	4, 869	3, 926	17, 083
Finland	2, 591	2, 027	1, 695	5, 513	77	94	396	219
France	8, 623	9, 808	13, 148	27, 386	21, 518	11, 623	21, 746	44, 272
Germany	21, 263	18, 815	53	533	16, 777	16, 833	207	7, 229
Italy	16, 641	15, 057	24, 858	37, 978	12, 123	8, 746	41, 143	49, 561
Netherlands	3, 817	4, 041	2, 555	6, 601	2, 485	1, 734	1, 006	2, 988
Norway	2, 188	2, 593	6. 131	4, 009	87	80	384	361
Rumania	7, 932	7, 008	(3)	393	6, 166	3, 534	(3)	18
Spain	180	44	1, 557	5, 703	332	95	1, 752	9, 789
Switzerland	2, 566	2, 980	4, 170	5, 836	6, 768	4, 773	8, 193	8, 863
U.S.S.R.	2, 321	2, 407	488	6, 207	(3)	14	--------	(3)
United Kingdom	41, 744	41, 622	102, 623	94, 793	61, 854	47, 304	45, 713	52, 528
Ceylon	1, 142	1, 461	4, 357	14, 935	315	173	19, 528	13, 415
India, including Pakistan	5, 348	4, 379	9, 475	16, 468	9, 885	7, 708	36, 162	60, 445
Burma		[4] 352	(3)	11		[4] 55	--------	1
Iran	4, 026	2, 983	12, 576	10, 780	13	18	37	60
Iraq	639	821	13, 585	11, 426	685	358	485	957
Japan	7, 802	4, 788	110	27	12, 499	9, 227	72	2, 557
Netherlands Indies	4, 844	8, 647	7	505	169	177	70	71
Palestine	986	1, 229	3, 823	2, 109	2, 739	1, 850	6, 229	5, 459
Transjordan				80				666
Syria	1, 071	1, 009	3, 108	1. 497	1, 111	1, 035	4, 926	436
Lebanon				2, 710				3, 836
Turkey	1, 261	1, 094	19, 279	14, 667	1, 818	426	277	477
Australia	356	1, 041	4, 156	7, 128	45	223	3, 247	2, 772
Union of South Africa	17	8	6, 894	5, 119	9	73	919	1, 781
Other countries	20, 986	18, 145	28, 144	30, 857	17, 197	14, 644	30, 521	31, 507
Ships' stores	--------	--------	--------	--------	588	625	8, 421	4, 556
Percent of total:								
United States	5. 6	6. 7	11. 2	11. 4	4. 1	2. 5	8. 7	6. 7
Belgium-Luxembourg	6. 0	5. 6	2. 8	5. 6	2. 1	1. 6	1. 8	2. 0
France	4. 5	5 3.	3. 9	6. 5	11. 0	8. 1	8. 3	12. 5
Germany	11. 0	10. 2	(5)	. 1	8. 6	11. 7	. 1	2. 0
Italy	8. 6	8. 2	7. 4	9. 0	6. 2	6. 1	15. 6	14. 0
United Kingdom	21. 7	22. 6	30. 6	22. 6	31. 8	33. 0	17. 4	14. 8
India	2. 8	2. 4	2. 8	3. 9	5. 1	5. 4	13. 7	17. 1

[1] Excluding specie and gold bullion. [2] Including ships' stores. [3] Less than $500.
[4] Burma shown separately beginning February 1938. [5] Less than one-tenth of one percent.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption, total, excluding specie and gold bullion	----------	----------	----------	----------	**192,484**	**184,001**	**335,389**	**420,272**
Camels ... number	25,023	29,468	7,310	15,826	755	885	573	1,058
Sheep ... do	70,919	99,023	99,305	106,773	345	494	924	1,101
Cheese ... 1,000 lb	7,225	7,478	1,579	3,704	1,023	1,128	478	1,474
Fish and shellfish, preserved ... 1,000 lb	6,759	6,096	1,719	3,603	476	465	633	997
Fish and shellfish, fresh, salted, or dried 1,000 lb	10,540	12,485	6,826	8,705	439	462	1,196	1,335
Wheat ... 1,000 bu	(1)	30	3,484	147	(1)	28	9,082	388
Wheat flour cwt (100 lb)	51,511	80,096	218,661	462,539	172	229	980	3,140
Fruits and nuts, edible ... 1,000 lb	(2)	(2)	33,002	33,345	3,015	2,921	4,689	4,676
Tea (including maté and tea substitutes) 1,000 lb	16,075	17,378	10,977	27,698	4,012	4,167	4,789	17,770
Coffee, not roasted ... do	17,065	19,838	28,379	21,898	1,712	1,429	6,563	4,372
Sugar, refined and unrefined ... 1,000 lb	72,749	241,216	1,118	163	862	3,273	71	12
Beer ... 1,000 gal	751	930	1,465	732	341	413	1,670	990
Wine ... do	1,756	1,522	540	424	626	619	1,426	1,234
Whisky and brandy ... do	339	251	354	218	1,142	836	1,969	1,306
Rubber tires and tubes ... number	332,994	396,127	222,503	372,573	736	1,030	1,784	2,259
Oils, vegetable, for soap manufacturing ... 1,000 lb	24,292	32,260	1,135	13,479	1,388	1,252	360	1,454
Tobacco, unmanufactured ... do	13,286	12,922	26,735	24,923	3,001	3,031	21,099	17,889
Tobacco manufactures ... do	385	538	3,367	1,423	548	745	5,636	2,887
Wool, raw ... do	1	213	1,740	2,539	(1)	94	1,228	2,221
Yarn and thread:								
Cotton ... do	(2)	(2)	1,144	1,224	1,327	1,101	2,199	2,351
Wool ... do	642	790	1,375	835	543	541	2,066	1,841
Silk ... do	1,194	1,009	166	218	1,376	1,178	1,682	1,355
Artificial silk ... do	4,151	3,841	2,001	4,149	1,352	1,149	3,449	8,181
Cotton piece goods ... do	48,314	37,382	5,444	6,618	19,415	14,177	11,201	16,877
Jute fabrics [3] ... do	9,496	9,650	9,841	11,442	532	545	1,286	2,518
Wool fabrics [4] ... do	4,409	3,628	2,247	3,167	5,809	4,315	7,454	13,958
Silk fabrics ... do	602	470	115	50	1,361	1,097	3,327	1,109
Artificial silk fabrics ... do	1,910	855	2,571	1,447	2,040	1,057	12,177	7,540
Hosiery (all materials ... do	(2)	(2)	590	550	1,931	1,549	2,892	3,124
Jute bags ... do	44,424	53,219	15,252	51,960	2,527	2,741	2,140	9,672
Other textiles	----------	----------	----------	----------	6,524	5,737	9,267	12,156
Wood and manufactures:								
Wood for building ... long tons	232,394	226,294	74,660	179,775	6,221	6,118	8,372	22,867
Other[5]	----------	----------	----------	----------	1,681	2,459	3,194	5,621
Paper (printing, writing and drawing) long tons	39,701	34,223	40,001	24,759	1,737	1,256	5,276	3,475
Packing paper, common ... 1,000 lb	35,470	34,538	14,289	12,452	1,193	890	1,212	1,220
Cardboard, common ... do	29,539	19,980	16,668	11,027	686	417	1,279	983
Newsprint ... do	27,529	22,867	27,610	20,246	827	558	1,845	1,854
Coal, coke and briquets 1,000 short tons	1,581	1,706	285	384	10,745	10,063	4,879	7,677
Petroleum, crude ... long tons	105,277	104,350	5	(1)	1,048	1,036	1	(1)
Benzine ... 1,000 bbl	200	237	232	218	790	833	952	772
Kerosene ... do	2,238	2,394	4,205	3,486	5,959	5,695	11,858	9,884
Lubricating oil ... do	150	146	173	212	1,163	1,143	2,483	2,760
Gas and fuel oil ... do	1,777	1,661	7,638	7,037	2,965	3,256	16,974	15,223
Glass and glassware	----------	----------	----------	----------	1,683	1,260	2,901	3,546
Diamonds[6] and emeralds, worked, unmounted carats	14,096	13,062	6,598	5,390	782	678	2,022	1,527

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption—Continued								
Iron and steel:								
Bars......short tons..	97,004	82,351	93,049	78,079	4,252	3,501	8,462	10,125
Sheets..........do....	41,873	42,837	20,380	29,983	3,114	3,008	2,394	4,668
Pipes and tubes (including joints and fittings) short tons..	21,671	37,262	17,337	12,804	1,494	2,466	2,516	2,211
Other..........					6,351	6,463	8,599	9,722
Copper[7] and copper alloys including manufactures)..........					2,037	1,741	1,883	1,295
Tin, crude, scrap and waste.....1,000 lb..	1,017	1,093	1,542	535	521	443	1,129	380
Radio receiving sets[8]..........number..	20,080	17,633	32,166	40,778	634	541	1,403	1,761
Generators, motors and transformers.long tons..	721	1,043	819	1,188	435	661	932	1,633
Other electrical machinery and apparatus..					2,561	3,130	7,277	9,060
Engines, stationary (internal combustion)......number..	1,081	958	899	1,046	1,444	1,087	2,434	2,364
Textile machinery...long tons..	5,627	3,572	6,175	11,586	1,339	1,032	4,709	9,748
Other machinery and parts..........					6,834	7,023	11,262	23,998
Motorcars, trucks, busses, and chassis...number..	6,589	6,969	5,088	8,806	4,990	5,271	7,072	13,281
Parts and accessories for automobiles[9] long tons..	666	911	1,076	860	608	846	1,804	1,723
Chemical and pharmaceutical products[10]...					4,055	4,688	11,972	11,506
Coal-tar dyes, dry or in paste........1,000 lb..	675	735	1,357	826	486	454	1,974	1,844
Fertilizers........1,000 lb..	1,414,996	1,132,701	473,372	1,012,813	17,184	14,816	11,793	23,764
Motion picture films..................lb..	79,072	75,516	182,393	130,563	564	561	1,173	1,035
Watches.........number..	168,556	148,486	61,896	199,898	373	377	547	1,740
Other merchandise..........					30,398	31,542	58,516	63,760
Gold bullion.....troy oz..	194	6,754	25,901	118,974	7	234	1,679	6,630
Specie (all kinds)..........					333	1,017	7,228	2,531

[1] Less than one-half the unit.
[2] Not reported in source.
[3] Pure or reinforced with paper.
[4] Excludes plushes and velvets.
[5] Including charcoal.
[6] Excluding rose diamonds.
[7] Excluding ore.
[8] Including radio-phonograph combinations and excluding tubes.
[9] Including engines.
[10] Excludes photographic developing chemicals, dyes, paints, soaps, polishes and fertilizers.

Exports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Domestic exports, total excluding specie and gold bullion					**194,753**	**143,308**	**263,370**	**354,265**
Barley........1,000 bu..	976	212	1,728	569	607	149	4,006	1,435
Rice........1,000 lb..	332,380	144,215	444,637	362,990	6,823	3,431	24,540	25,275
Millet........do....	21,266		69,118	569	273		3,165	22
Cottonseed cake........long tons..	229,753	252,118	120,493	12,768	4,505	4,582	4,625	432
Onions........1,000 lb..	293,811	316,622	158,895	241,561	3,271	4,660	3,126	6,074
Cottonseed......1,000 bu..	15,168	15,544			9,378	7,971		
Cottonseed oil...1,000 lb..	23,712	15,622	1,827	14,811	1,521	1,016	324	1,698
Cotton, raw........do....	881,535	786,112	565,629	739,823	147,019	106,223	191,149	282,428
Gas and fuel oil........1,000 bbl..	419	397	1,920	854	642	679	4,460	1,636
Asphalt, pitch, emulsions from petroleum 1,000 bbl..	545	775	1,055	507	971	1,312	1,876	916
Salt, common...1,000 lb..	610,090	628,196	498,438	1,372,648	545	519	540	2,375
Phosphate of lime..do....	986,336	887,916	687,879	756,191	1,800	1,540	2,828	3,255
Other domestic exports (merchandise)........					17,398	11,226	22,731	28,719
Gold bullion.....troy oz..	156,010	84,898		18,606	5,424	2,937		1,084
Specie (all kinds)........					1,340	848	(1)	(1)
Reexports (merchandise).					4,382	3,891	21,971	15,945

1 Less than $500.

Trade with the United States by Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption from the United States, total					**10,864**	**12,312**	**37,673**	**48,047**
Apples, fresh.....1,000 lb..	6,714	9,934	(1)	(1)	328	481	(1)	(1)
Pears........do....	3,038	3,864	(1)	(1)	192	222	(1)	(1)
Confectionery......do....	59	53	613	6	16	17	221	3
Beer........gal....	5,589	5,491	591,542	1,151	4	4	600	2
Automobile tires and tubes........number..	21,018	13,551	44,345	47,942	174	122	566	687
Tobacco, leaf (common)......1,000 lb..	666	1,221	4,276	3,237	194	308	3,428	2,323
Cotton piece goods..do....	31	32	259	433	14	10	342	1,079
Woven fabrics of wool [2]........do....	(3)	(3)	48	31	(3)	(3)	200	165
Artificial silk yarn (not dyed or gummed) 1,000 lb..			5	156			5	266
Other textiles........					233	275	(1)	(1)
Clothing, ready-made (wool, cotton, artificial silk)[4]........					90	101	102	377
Timber, squared or sawn (over 50 mm [5] not filérie[6])......long tons..	2,592	3,953	11,675	13,673	106	179	1,092	1,244
Other timber, squared or sawn......long tons..	461	525	(1)	(1)	17	20	(1)	(1)
Paper, cigarette[7].1,000 lb..			1,262	855			573	359
Paper and board, not specified......do....	10	26	7,759	2,070	1	2	1,032	317
Oils, lubricating........1,000 bbl..	46	53	172	179	440	474	2,451	2,476
Window glass, common......1,000 lb..			1,844	6			169	(3)
Glasses and tumblers........do....	8	5	2,011	548	(3)	(3)	263	79

1 Not reported in source.
2 Pure or mixed with cotton.
3 Less than one-half the unit.
4 Outerwear only.
5 Over 19.7 inches in thickness.
6 Filérie (small timber 3 inches square to 4 inches by 5 inches by 12½ feet to 25 feet long with wane permitted).
7 Not in booklets, tubes or cut to shape.

—Continued

Trade with the United States by Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption from the United States—Continued								
Iron and steel:								
Bars......short tons..	10	969	8,544	5,972	1	47	705	764
Sheets, plain and tinned..short tons..	5,046	5,924	2,521	2,375	479	416	262	315
Tubes and pipes, not perforated short tons	426	921	1,574	2,213	51	111	223	426
Structures......do....	849	1,013	774	612	101	97	166	197
Lighting apparatus, lamp and luster makers' wares..........1,000 lb..	(1)	(1)	22	544	5	8	20	317
Radio receiving sets, complete, except tubes..........number..	9,527	7,932	2,738	9,207	285	228	106	319
Engines, stationary (internal combustion) number..	68	34	157	282	52	22	530	696
Machine tools...1,000 lb..	11	7	103	330	4	6	80	283
Machines and looms for weaving.....long tons..	(3)	1	107	467	1	1	166	724
Machinery and apparatus, not specified (not aluminum or copper) long tons..	88	63	632	356	56	49	453	569
Tractors.........number..	252	162	432	335	295	209	744	515
Parts of machinery and mechanical and transmission apparatus, various metals [8] long tons..	57	90	335	453	64	127	575	853
Other machinery and apparatus..........	----------	----------	----------	----------	750	909	(1)	(1)
Automobiles, new and used......number..	3,076	2,554	2,030	3,214	2,519	2,298	2,825	5,121
Motortrucks, new..do....	272	1,355	229	1,556	135	859	392	2,501
Chassis for motortrucks and busses...number..	819	814	275	346	443	485	305	509
Coal-tar dyes, dry or in paste.......1,000 lb..	38	31	198	156	11	9	237	387
Medicines and pharmaceutical specialties.....	----------	----------	----------	----------	108	147	1,446	1,530
Chemical products, not specified..........	----------	----------	----------	----------	76	133	671	870
Sodium nitrate, synthetic.......1,000 lb..	67,538	70,574	----------	(1)	786	742	----------	(1)
Soap, toilet and medicinal.........do....	7	8	872	11	1	1	194	3
Films, motion-picture (developed, positive, talking)......1,000 lb..	8	8	16	19	106	103	245	289
Other merchandise..........	----------	----------	----------	----------	2,726	3,090	16,284	21,480
Specie and gold bullion[9]..........	----------	----------	----------	----------	(3)	(3)	8	140
Domestic exports to the United States, total..........	----------	----------	----------	----------	**7,889**	**3,547**	**23,036**	**23,849**
Sausage casings and stomachs......pounds..	112,095	44,643	39,132	46,407	146	71	48	41
Cottonseed oil...1,000 lb..	17,085	1,874	(1)	(1)	1,045	74	(1)	(1)
Cotton, raw........do....	25,530	16,397	57,825	57,825	5,042	2,622	21,782	22,591
Wool, raw..........do....	4,832	2,567	(1)	(1)	722	383	(1)	(1)
Rags and waste of textiles..........do....	34,783	14,189	10,203	7,438	378	186	329	275
Other domestic exports (merchandise)..........	----------	----------	----------	----------	556	211	877	943
Specie and gold bullion[9]	----------	----------	----------	----------	5,419	(3)	----------	----------
Reexports (merchandise)[9]	----------	----------	----------	----------	24	42	55	197

[1] Not reported in source.
[3] Less than one-half the unit.
[8] Excluding parts of non-malleable cast iron and of copper or aluminum.
[9] Not included in totals.

FINANCE

Government receipts and expenditures (fiscal years ending April 30), in thousands of Egyptian pounds.—Budget estimates, 1948–49, with 1947–48 estimates (10 months period only) in parentheses: Receipts, 141,510 (94,175); expenditures, 183,435 (103,257). Actual figures, 1946–47 (latest available): Receipts, 112,793; expenditures, 102,492.

Public debt.—Consolidated public debt (thousands of Egyptian pounds), completely financed internally: July 31, 1947, 125,001 (includes cotton loan of 42,000 backed by Government cotton stocks).

Currency and exchange.—Currency unit, the Egyptian pound (£E), closely associated with the English pound sterling. Official buying and selling rates, $4.1400 and $4.1266. Volume of currency in circulation (in thousands of Egyptian pounds), October 1947: Notes, 145,784; coins, 7,335.

Price indexes.—Official cost-of-living index (based on 3 months, June through August 1939, equals 100) reached its peak of 297.7 in September 1945; in December 1947 it was 280.2. Official wholesale price index (same base) was high at 335.1 in November 1945; n December 1947 it was 310.0.

PRINCIPAL SOURCES

Egyptian Annual Statements of Foreign Trade.
Monthly Summaries of Foreign Trade.

FINLAND

(See general explanatory note, p. vi)

HISTORICAL NOTE

Finland proclaimed its independence of Russia on December 6, 1917, and established a republican form of government. Between 1939 and 1947 Finland became involved with the U. S. S. R. in two wars. The first came to an end when Finland and the Soviet Union concluded a peace treaty in Moscow on March 12, 1940. In June 1941 Germany was joined by Finland in the attack on the U. S. S. R. Finland concluded an armistice with the Allied Powers on September 19, 1944, severing relations with Germany and its satellites. The final peace treaty concluding the second war was signed in Paris on February 10, 1947.

The territory surrendered to the Soviet Union on March 12, 1940, and on September 19, 1944, totals 17,783 square miles, composed of parts of the Viipuri and Kuopio Provinces (Carelia) 10,392 square miles, the Salla District, 3,154 square miles, and Petsamo, 4,237 square miles. Under terms of the Paris Peace Treaty of 1947, the Parkkala District, 151 square miles, was leased to the Soviet Union for 50 years.

All statistics contained herein refer to the territorial area existing in the year specified.

AREA AND POPULATION

Land area, (1948) 117,970 square miles. Population, 1947 estimate, 4,100,000; 1944 estimate, 3,947,702, of which 3,013,825 rural and 933,877 urban; 1940 census, 3,887,227; 1930, 3,667,067; 1920, 3,364,807; 1910, 3,115,197. Leading cities, 1944 estimates, with 1940 census in parentheses: Helsinki (Helsingfors), 331,192 (319,939); Turku (Åbo), 78,492 (75,419); Tampere (Tammerfors), 85,168 (80,995); Vaasa (Vasa), 35,973 (34,083); Oulu (Uleaborg), 34,105 (30,315).

Education.—School attendance: Primary, fall term 1946, 455,988; secondary, fall term 1946, 82,549; universities, spring term 1946, 13,331.

AGRICULTURE

Farm land distribution, 1941, thousand acres: Crops, 5,817; meadow and pasture, 1,065; forests and uncultivated, 29,847; orchards and gardens, 20.

Crop value, 1939 to 1944 consecutively, million Finnish marks: 7,677, 7,694, 9,345, 10,631, 13,464, 12,513.

Livestock, March 1947 with 1946 data in parentheses, thousands: Cattle, 1,000 (1,673); sheep, 1,000 (1,099); poultry, 1,500 (1,167); horses, 384 (381); swine, 500 (254.) Animal products (thousand pounds), 1945, with 1944 in parentheses: Butter, 32,463 (36,380); cheese, 9,359 (9,899).

Forest resources.—Forest land, 1946, total (state, farm, and business owned), 53,621 thousand acres. Pine forests constitute 52.2 percent of all forest land; spruce, 28.5; and birch, 16.8. Annual growth estimated at 1,440.8 million cubic feet.

Principal Crops: Area and Production

Crop	Area (thousands of acres)						Production (thousands of units—bushels, except as indicated)					
	1937	1938	1942[1]	1945[1]	1946[1]	1947[2]	1937	1938	1942[1]	1945[1]	1946[1]	1947[2]
Wheat	279	323	314	343	388	398	7,665	9,403	6,322	6,076	6,215	7,203
Rye	597	583	393	368	361	388	16,982	14,507	8,020	6,158	5,649	7,697
Barley	299	298	267	341	343	339	8,082	9,524	6,385	6,956	7,133	7,347
Oats	1,125	1,143	932	761	788	914	49,915	56,883	37,532	22,775	22,926	29,708
Flax and hemp	8	7	9	15	25	[3] 17	[4] 2,278	[4] 2,218	[4] 2,493	[4] 4,409	([5])	[3,4] 6,777
Potatoes	214	211	166	173	190	225	50,979	44,014	35,709	28,671	25,275	40,919
Hay (sown)	2,829	2,866	3,054	2,582	2,352	2,197	[6] 3,546	[6] 4,058	[6] 2,312	[6] 2,373	[6] 2,083	[6] 1,730

[1] Including towns.
[2] Final estimates.
[3] Does not include hemp.
[4] Unit, pound of fiber.
[5] Not available.
[6] Unit, metric ton.

MANUFACTURING

Net value of industrial production, millions of Finnish marks: 1945, 60,981; 1944, 37,872; 1943, 38,477; 1942, 28,962; 1938, 21,092; 1937, 21,076. Registered unemployed, December 31, 1946, 2,300; 1945, 2,608.

Index of value of industrial production, 1935 = 100: 1947, 795; 1946, 607; 1945, 303; 1944, 225; 1943, 208; 1942, 189.

Electric power.—Electrical production, in million kilowatt-hours, 1946 data, with 1945 and 1939 figures in parentheses: Total, 2,942 (2,959; 3,112), comprising hydroelectric, 2,483 (2,756; 2,435), steam, 456 (200; 669), and internal combustion engine 3 (3, 7).

Industrial Production

Product	1937	1938	1941	1942	1943	1944
Wood pulp, mechanical........metric tons..	[1] 716,082	[1] 638,899	[1] 87,840	[1] 160,545	[2] 323,997	[2] 230,321
Wood pulp, chemical........do....	1,474,489	1,471,185	591,624	501,813	504,408	433,499
Paper[3]........do....	606,069	562,296	218,736	249,448	362,738	276,301
Paperboard........do....	126,324	116,758	95,659	120,005	131,557	98,513
Wall board, wood fiber........do....	30,000	30,000	17,379	14,090	20,559	19,710
Lumber:						
Undressed........million bd. ft..	2,279	1,679	711	730	891	729
Dressed........do....	167	156	92	111	97	86
Plywood........metric tons..	193,658	182,697	68,609	67,882	78,043	69,621
Spools (for thread)........1,000 gross..	3,794	2,938	1,931	1,629	1,542	911
Prefabricated buildings........1,000 marks..	----	----	393,173	899,203	992,920	743,609
Shoes, leather........1,000 pairs..	2,394	2,408	2,551	1,659	1,292	1,798
Shoes and galoshes, rubber........do....	2,757	2,852	992	670	1,301	1,273
Cotton yarn and fabric........metric tons..	12,721	12,372	6,417	541	228	162
Wool yarn and fabric........do....	5,431	5,092	4,383	2,628	2,830	3,688
Rayon fabric........do....	129	179	189	186	224	157
Bricks........thousands..	142,994	144,391	72,677	70,798	60,621	43,516
Safety matches........1,000 boxes..	408,589	363,431	255,743	306,523	367,258	354,862
Cigarettes........millions..	4,001	4,505	4,473	3,621	3,264	2,925
Margarine........metric tons..	12,603	14,010	9,236	1,731	63	([4])
Candies and confectionery........do....	4,298	5,064	6,018	5,037	2,109	473

[1] Includes mechanical wood pulp used in the same mill for manufacture of paper but not paperboard and wall board.
[2] Includes mechanical wood pulp used in the same mill for manufacture of paper and paperboard but not wall board.
[3] Excludes wallpaper.
[4] Not available.

TRANSPORTATION AND COMMUNICATION

Railways.—Statistics apply to Government railways only (about 140 miles privately owned). Principal data, December 31, 1946, with 1945 and 1939 figures in parentheses: Length of operated line, in miles, 2,869 (2,805, 3,643); locomotives, 745 (745, 749); passenger cars, 965 (902, 1,664); freight cars, 24,238 (22,712, 24,683); freight carried, in 1,000 metric tons, 14,061 (11,602, 12,581); 1,000 freight train-miles, 6,608 (6,880, Jan/Oct

8,791); passengers carried, 55,614,254 (56,067,108, 22,554,771); 1,000 passenger train-miles, 8,271 (7,109, Jan/Oct 4,835); gross receipts, 6,129,730,538 (3,480,509,696, 1,160,733,122) Finnish marks.

Government air lines.—1946 with 1945 figures in parentheses: Miles flown, 492,353 (259,275); passengers, 28,419 (16,213).

Posts, telegraphs, telephones, and radio.—Posts and telegraphs Government operated; telephone part Government, part private.

Statistics of Posts, Telegraphs, Telephones, and Radio

Item	1939	1945	1946
Posts:			
Offices ... number	3,638	3,398	3,551
Pieces of mail ... thousands	415,986	593,786	591,409
Telegraphs [1]:			
Length of line ... miles	1,593	166	137
Length of wire ... do	18,761	22,160	24,988
Messages sent ... number	1,259,805	1,077,948	1,391,296
Telephones:			
Length of private wire ... miles	(2)	30,897	30,665
Length of Government wire ... do	103,386	155,290	161,673
Instruments, private and Government ... number	(3)	242,512	263,427
Gross receipts of posts, telegraphs, and Government telephones 1,000 marks	326,443	1,609,017	2,560,922
Radio:			
Number of licenses [4]	332,943	542,198	560,624
Gross receipts ... 1,000 marks	33,294	93,374	167,550

[1] Excluding those of Government railways.
[2] Not available.
[3] Government, 8,204; private, not available.
[4] Data as of December 31.

Merchant marine.—December 31, 1947, with 1946 data in parentheses: Number of vessels, 644 (549); capacity, gross tons, 504,139 (329,758), of which motor vessels, 61,764 (23,750), steamships, 415,802 (279,523), sailing vessels with auxiliary engine, 14,654, (13,681), and sailing vessels, 11,913 (12,794).

Entrances of Vessels in Foreign Trade[1]

Item	1937	1938	1942	1943	1944	1945	1946
Number of vessels	8,587	8,047	2,058	2,586	1,659	1,360	3,024
Capacity (1,000 net registered tons):							
Total	6,132	5,592	1,940	2,060	1,272	930	2,339
With cargo	3,758	3,655	1,575	1,541	938	384	1,483
In ballast	2,374	1,937	365	519	334	546	856

[1] Entrances, 1946, at principal ports (thousands of net registered tons): Helsinki (Helsingfors), 764; Turku (Åbo), 671; Kotka, 527; Pori (Bjorneborg), 263. Nationality of vessels entered and cleared in percentage of total net tonnage, 1946: Finnish, 32.9; English, 20.0; Swedish, 15.5; United States, 13.8.

FOREIGN TRADE

Per capita trade, 1947.—Imports, $84.25; exports, $81.10.

Basis of trade statistics.—Since January 1, 1939, special trade (i.e., imports for consumption whether direct or from warehouse or transit, and exports of domestic or nationalized goods) has been reported in Finnish statistics; previously, general trade was reported. Export statistics in the following tables, except the table of trade with principal countries, have been adjusted to show special trade in all years. Valuations based on declarations; c. i. f. for imports, f. o. b. for exports. For imports, country of origin is shown; for exports, country of ultimate consumption. Reparations and restitution deliveries are not included. Foreign trade values have been converted to United States dollars at the average selling rates of the Finnish mark as quoted by the Bank of Finland (dollar equivalents of the rates quoted in the table on page 51).

Value of Imports and Exports

Year	Thousands of marks					Thousands of dollars				
	Merchandise			Bullion and specie		Merchandise			Bullion and specie	
	Imports	Domestic exports	Re-exports	Imports	Exports	Imports	Domestic exports	Re-exports	Imports	Exports
1935	5, 325, 040	6, 192, 922	47, 584	19, 354	(1)	114, 888	133, 612	1, 027	418	(1)
1936	6, 203, 136	7, 159, 513	63, 114	165, 817	(1)	135, 383	156, 256	1, 378	3, 619	(1)
1937	9, 151, 319	9, 282, 536	97, 188	155, 104	(1)	198, 639	201, 487	2, 109	3, 367	(1)
1938	8, 476, 240	8, 334, 903	63, 119	131, 082	(1)	181, 815	178, 784	1, 354	2, 812	(1)
1939	7, 548, 046	7, 709, 329	--------	24, 545	1, 001	154, 486	157, 787	--------	502	20
1940	5, 178, 867	2, 874, 609	--------	756	1, 374	104, 939	58, 248	--------	15	28
1941	10, 196, 609	4, 319, 462	--------	4, 492	2, 040	206, 614	87, 525	--------	91	41
1942	11, 730, 583	5, 990, 637	--------	897	--------	237, 697	121, 388	--------	18	------
1943	12, 871, 935	8, 712, 643	--------	8, 446	52	260, 824	176, 544	--------	171	1
1944	8, 908, 816	6, 332, 056	--------	9, 712	--------	180, 519	128, 306	--------	197	------
1945	6, 791, 765	5, 227, 792	--------	28, 767	--------	75, 810	58, 353	--------	321	------
1946	24, 266, 728	23, 050, 480	--------	7, 226	40	178, 433	169, 490	--------	53	(2)
1947	46, 968, 657	45, 228, 129	--------	1, 848	--------	345, 361	332, 562	--------	14	------

1 Not reported separately.
2 Less than $500.
Note.–Excluded from the totals are reparations and restitution deliveries, which were as follows: Reparations–1945, 8,171,524,131 marks ($91,210,552); 1946, 8,775,128,907 marks ($64,523,523); 1947, 10,404,696,999 marks ($76,505,737). Restitution–1945, 1,283,537,689 marks ($14,326,848); 1946, 655,038,173 marks ($4,816,496).

Trade with Principal Countries (Thousands of Dollars)

Country of origin or ultimate consumption	Imports[1]				Exports[1]			
	1938	1939	1946	1947	1938	1939	1946	1947
Total, including bullion and specie	**184, 627**	**154, 988**	**178, 486**	**345, 374**	**180, 138**	**157, 807**	**169, 490**	**332, 562**
United States	19, 167	17, 477	34, 472	78, 382	16, 648	20, 187	11, 755	38, 195
Argentina	3, 334	2, 094	1, 673	17, 872	2, 812	3, 209	4, 083	10, 763
Brazil	3, 782	3, 125	4, 307	9, 449	1, 712	1, 637	1, 653	4, 168
Austria	1, 117	(2)	23	271	18	(2)	18	46
Belgium-Luxembourg	8, 144	8, 514	10, 338	26, 940	5, 597	5, 373	12, 304	17, 246
Czechoslovakia	4, 022	1, 508	190	2, 471	350	211	201	1, 170
Denmark	6, 687	4, 611	18, 122	20, 793	5, 329	5, 956	18, 722	23, 484
Estonia	1, 630	1, 740	(3)	--------	1, 413	1, 105	--------	--------
France	4, 198	3, 836	3, 857	11, 017	5, 974	2, 802	6, 407	12, 834
Germany	33, 409	[4] 32, 119	3, 084	10, 305	26, 594	[4] 25, 574	--------	455
Italy	2, 202	1, 975	73	1, 527	3, 415	2, 413	440	4, 974
Netherlands	5, 676	4, 689	3, 193	16, 132	8, 081	9, 306	5, 258	14, 877
Norway	3, 198	3, 091	4, 285	9, 665	1, 562	1, 531	4, 009	5, 167
Poland and Danzig	5, 453	2, 548	12, 229	17, 614	893	340	1	6, 969
Sweden	20, 593	21, 189	16, 748	16, 294	5, 002	6, 365	12, 327	17, 020
Switzerland	3, 370	2, 391	726	2, 688	346	323	1, 692	3, 036
U.S.S.R.	2, 591	1, 433	24, 477	28, 853	934	553	34, 026	41, 235
United Kingdom	33, 898	24, 098	33, 069	48, 644	76, 830	55, 161	42, 267	96, 891
China	133	96	6	309	590	1, 377	2, 379	1, 205
Japan	1, 924	984	--------	--------	932	788	--------	--------
Egypt	198	256	208	440	1, 515	1, 281	1, 477	6, 168
Union of South Africa	210	151	101	166	3, 280	2, 681	3, 043	3, 751
Other countries	19, 691	17, 063	7, 305	25, 542	10, 311	9, 634	7, 428	22, 908
Percent of total:								
United States	10. 4	11. 3	19. 3	22. 7	9. 2	12. 8	6. 9	11. 5
Argentina	1. 8	1. 4	. 9	5. 2	1. 6	2. 0	2. 4	3. 2
Belgium and Luxembourg	4. 4	5. 5	5. 8	7. 8	3. 1	3. 4	7. 3	5. 2
Denmark	3. 6	3. 0	10. 2	6. 0	3. 0	3. 8	11. 0	7. 1
France	2. 3	2. 5	2. 2	3. 2	3. 3	1. 8	3. 8	3. 9
Germany	18. 1	[4] 20. 7	1. 7	3. 0	14. 8	[4] 16. 2	--------	. 1
Netherlands	3. 1	3. 0	1. 8	4. 7	4. 5	5. 9	3. 1	4. 5
Poland and Danzig	3. 0	1. 6	6. 9	5. 1	. 5	. 2	(3)	2. 1
Sweden	11. 2	13. 7	9. 4	4. 7	2. 8	4. 0	7. 3	5. 1
U.S.S.R.	1. 4	. 9	13. 7	8. 4	. 5	. 4	20. 1	12. 4
United Kingdom	18. 4	15. 5	18. 5	14. 1	42. 7	35. 0	24. 9	29. 1

1 General trade 1938; special trade thereafter.
2 Included with Germany.
3 Negligible.
4 Includes Austria.

Imports of Principal Commodities

Commodity	Quantity 1938	Quantity 1939	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1938	Value 1939	Value 1946	Value 1947
Imports for consumption, total, excluding gold, silver, and specie	----	----	----	----	**181,815**	**154,486**	**178,433**	**345,361**
Meat and meat products 1,000 lb	1,526	1,140	9,748	6,282	135	85	2,671	2,141
Butter do	----	(1)	7,042	2,165	----	(2)	4,456	1,430
Fish, shellfish and fish products 1,000 lb	8,002	5,731	16,591	26,423	422	309	1,724	2,943
Hides and skins do	19,111	16,452	4,714	12,233	2,969	2,252	1,199	4,101
Leather do	144	68	160	281	299	157	314	579
Furs, raw, dressed and made up 1,000 lb	189	134,496	35	102	924	758	67	245
Wheat 1,000 bu	1,823	809	3,543	3,373	2,414	732	8,236	9,457
Rye do	1,024	580	6,147	6,845	904	502	11,900	20,946
Corn do	2,965	853	330	709	2,269	576	751	1,597
Wheat flour cwt	659,608	254,572	180,123	1,169,602	1,757	502	847	6,558
Fodder for animals long tons	98,280	17,758	13,828	51,986	3,506	659	1,257	5,911
Fruits and nuts, including canned fruits 1,000 lb	65,140	47,288	4,803	13,861	3,688	2,497	589	1,903
Coffee, green do	57,810	58,249	8,236	11,663	4,667	3,934	1,178	1,888
Sugar do	259,177	218,586	72,019	107,298	4,222	4,214	6,066	8,941
Beverages	----	----	----	----	1,600	1,283	1,215	1,570
Rubber, crude and waste 1,000 lb	6,374	3,981	3,996	7,639	937	626	965	1,499
Rubber tires do	2,106	2,093	5,887	6,552	655	659	2,899	4,235
Vegetable oils do	37,027	29,694	5,299	13,135	1,906	1,369	924	3,352
Tobacco, leaf do	8,604	8,299	4,124	6,576	2,919	2,507	3,001	4,549
Cotton, raw do	31,036	26,843	18,778	23,488	3,688	2,944	4,633	7,172
Wool, sheep's do	5,747	5,008	3,157	7,104	2,158	1,751	1,914	5,420
Cotton yarn and thread 1,000 lb	3,692	2,530	105	610	1,649	1,089	137	973
Wool yarn do	1,637	1,400	73	702	1,275	966	133	1,339
Cotton fabrics do	7,642	5,379	590	1,599	4,067	2,790	521	2,214
Wool fabrics do	3,607	2,930	467	971	4,006	3,261	1,262	2,688
Textiles and manufactures, other	----	----	----	----	8,764	6,268	4,040	9,127
Wood and manufactures	----	----	----	----	2,030	1,448	156	371
Coal 1,000 short tons	1,686	1,280	768	1,280	8,499	7,020	14,184	26,616
Coke do	273	286	266	219	2,017	2,133	6,116	4,886
Gasoline 1,000 bbl	1,162	1,251	358	1,255	4,065	4,147	1,300	5,704
Kerosene do	(3)	212	130	149	(3)	524	566	623
Lubricating oil do	103	101	51	107	1,079	1,044	1,091	1,957
Salt, common 1,000 lb	258,519	287,382	243,245	251,843	545	689	1,733	1,968
Sulfur do	54,316	44,622	20,635	16,111	1,196	948	756	613
Iron and steel:								
Pig and scrap short tons	45,184	87,925	14,871	88,142	906	1,559	519	3,524
Bars and shapes do	73,149	80,750	40,878	94,283	3,523	3,395	5,418	11,682
Sheets and plates do	57,804	56,749	42,222	65,683	4,081	3,800	5,233	10,426
Pipes and fittings short tons	26,439	27,545	7,019	15,871	2,522	1,981	1,562	3,836
Billets do	19,967	32,607	1,991	11,997	633	897	159	947
Nonferrous metals:								
Copper bars 1,000 lb	11,941	11,888	35	73	1,317	1,306	7	21
Other nonferrous metals 1,000 lb	38,060	28,077	17,676	41,073	4,537	3,299	3,342	9,203
Electric machinery:								
Radio apparatus do	1,738	876	89	116	2,026	1,132	368	757
Other kinds	----	----	----	----	7,771	8,113	3,569	7,594
Machinery, other	----	----	----	----	14,233	11,656	10,498	18,008
Automobiles, chassis number	8,019	8,250	4,483	3,538	6,404	6,235	6,058	5,636
Ships over 19 gross registered tons number	23	31	28	76	1,115	2,074	1,981	16,879
Chemicals and drugs	----	----	----	----	5,009	5,034	7,425	12,996
Fertilizers 1,000 lb	530,514	347,364	330,869	839,673	4,856	3,229	6,277	15,475
Paints and varnishes 1,000 lb	44,397	32,506	13,103	18,280	1,795	2,354	1,687	4,804
Films do	----	146	91	115	----	384	271	387
Watches and clocks	----	----	----	----	943	52	28	325
Other merchandise	----	----	----	----	38,913	37,343	35,230	67,345

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Imports for consumption—Continued								
Gold, silver, and specie:[4]								
Gold, unmanufactured, and scrap troy oz	73,952	6,703	322		2,555	237	37	
Silver, unmanufactured, and scrap troy oz	533,443	489,357	15,143	14,342	238	217	16	13
Gold coin					1	20		
Silver coin					18	28	(2)	(2)

[1] Less than 500 pounds.
[2] Less than $500.
[3] Not reported separately.
[4] Not included in totals.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Exports of Finnish products, total, excluding gold, silver, and specie					**178,784**	**157,787**	**169,490**	332,562
Meat 1,000 lb	12,384	14,039	543	402	1,572	1,742	158	102
Butter do	37,762	30,877			7,864	5,945		
Cheese do	14,928	12,832	1,715	519	2,431	2,019	783	252
Eggs do	17,372	15,345			2,649	2,225		
Hides and skins, undressed 1,000 lb	13,041	11,167	248	412	1,681	1,627	204	682
Textiles and manufactures					2,041	2,103	4,748	5,473
Pulpwood 1,000 cords	246	224		39	4,491	3,509		1,442
Mine timber 1,000 cu ft	57,379	39,815	44,042	57,024	7,857	4,260	10,367	17,017
Wood, sawn, rough or planed:								
Boards 1,000 bd ft	819,629	640,883	231,538	307,313	21,134	17,325	12,397	23,321
Battens, scantlings 1,000 bd ft	555,658	494,496	209,125	374,544	14,156	13,088	11,519	28,596
Shooks do	114,853	105,065	13,645	19,331	4,073	3,372	789	1,737
Other do	215,446	149,378	95,906	123,378	5,640	3,886	4,900	9,202
Plywood, veneers					9,135	7,965	14,345	29,111
Wood, other					5,593	4,632	17,333	32,712
Woodpulp:								
Mechanical					5,233	3,851	2,932	4,488
Other					41,407	36,460	28,203	73,723
Newsprint 1,000 lb	789,093	931,267	457,479	543,164	14,940	15,837	18,828	29,821
Paper, other do	232,899	249,381	242,775	301,934	8,023	8,007	19,003	31,353
Paperboard do	152,179	44,217	87,401	99,388	3,089	931	5,409	8,284
Cardboard do	69,911	205,752	114,823	127,933	1,398	3,765	5,694	8,663
Molybdenum ore do			459	154			157	50
Pig iron and ferro-alloys 1,000 lb	33,469	40,292	25,985	16,170	1,131	1,057	664	439
Copper, crude and scrap 1,000 lb	29,451	29,348	10,398	9,670	3,015	2,645	1,686	1,862
Other Finnish products					10,231	11,536	9,371	24,232
Reexports[1]					1,354	(2)	(2)	(2)
Silver, unmanufactured and waste[1] troy oz		370,106	804			20	(3)	

[1] Not included in totals.
[2] Special trade reported in these years; reexports not shown.
[3] Less than $500.

FINANCE

Government receipts and expenditures.—Net figures shown in table; extraordinary budget figures include capital expenditures and "extra budgetary" receipts and expenditures. Budget based on calendar year.

Government Receipts and Expenditures, Actual (Million Finnish Marks)

Item	1937	1938	1943	1944	1945	1946	1947
Ordinary receipts	4,316	4,862	22,039	21,640	33,734	66,400	70,207
Direct taxes	743	1,090	9,315	8,770	15,258	30,724	27,855
Customs	1,722	1,832	1,048	655	402	2,435	4,704
Excises	477	477	1,737	1,927	2,267	4,430	5,371
Stamps and similar taxes	268	265	4,306	4,385	7,730	14,911	20,063
State properties and enterprises (net)	526	550	1,549	1,069	774	2,073	2,502
All other	580	648	4,084	4,834	7,303	11,827	9,712
Extraordinary receipts	1,669	673	17,055	15,860	9,163	37,945	24,054
Ordinary expenditures	3,557	3,487	29,969	37,526	33,753	76,159	66,578
Debt service	638	336	1,895	2,151	2,565	4,566	(1)
National defense	635	714	16,526	26,362	5,487	6,510	(1)
Public instruction	554	601	827	976	1,354	1,952	(1)
Agriculture	362	434	391	609	1,200	2,085	(1)
All other	1,368	1,402	10,330	7,428	23,147	61,046	(1)
Extraordinary expenditures	2,341	1,946	3,794	6,377	9,001	23,947	21,233

[1] Detailed figures not available.

Public debt.—End of 1947, with 1946 data in parentheses (in millions of Finnish marks): Total, 118,100 (105,071); internal, 79,543 (73,438); foreign, 38,557 (31,633). Per capita debt (in marks), approximately, 28,805.

Price indexes.—Wholesale price index, home-type goods (1937 = 100): 1946, 522; 1947, 634. Cost-of-living index (1937 = 100): 1946, 467; 1947, 606.

Currency and exchange.—Unit, the markka (Finnish mark), parity according to statement of United States Treasury of April 1, 1935 (in dollars at $35 per ounce of gold), $0.0426. Gold payments suspended October 12, 1931. Principal circulating medium, notes of the Bank of Finland. Legal reserve: Note circulation above 1,800 million marks is determined by the Bank of Finland's aggregate holdings of (a)gold reserve, (b) undisputed balance with foreign correspondents, (c) bills payable abroad in foreign currency, (d) foreign bonds listed on foreign stock exchanges, (e) interest coupons in foreign currency due for payment, (f) foreign bank notes, and (g) 90-day limited bills. Bank of Finland's position, end of 1947 with 1946 data in parentheses (million Finnish marks): Note circulation, 25,162 (18,233); gold reserve, 2 (2); foreign assets, 964 (2,104).

Clearing, compensation, or payments agreements, for facilitating the settlement of international accounts, in effect with certain foreign countries.

Average Exchange Rates of the Finnish Mark

NOTE.—Selling rates in marks quoted by the bank of Finland (per United States dollar).

Year	Rate	Year	Rate	Month	1946	1947	Month	1946	1947
1935	46.35	1942	49.35	Jan	136.00	136.00	July	136.00	136.00
1936	45.82	1943	49.35	Feb	136.00	136.00	Aug	136.00	136.00
1937	46.06	1944	49.35	Mar	136.00	136.00	Sept	136.00	136.00
1938	46.62	1945	89.59	Apr	136.00	136.00	Oct	136.00	136.00
1939	48.86	1946	136.00	May	136.00	136.00	Nov	136.00	136.00
1940	49.35	1947	136.00	June	136.00	136.00	Dec	136.00	136.00
1941	49.35								

PRINCIPAL SOURCES

The Finland Yearbook 1947 by Urho Toivola.
Statistisk Årsbok för Finland 1944–45.
Bank of Finland Monthly Bulletin.
Ulkomaankauppa Vuosijulkaisu Suomen Virallinen Tilasto (Annual).

FRANCE

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 212,737 square miles (including Corsica, 3,367 square miles). Population domiciled: 1947 (midyear estimate), 41,000,000; 1946 (census), 40,518,884; earlier data: 1872, 36,102,921; 1881, 37,672,048; 1901, 38,961,945; 1911, 39,604,992; 1921 (former boundaries), 37,499,769; 1921 (new boundaries), 39,209,518; 1926, 40,743,897; 1931, 41,834,923; 1936, 41,905,962. Foreign population (excluding prisoners of war): 1946, 1,870,729; 1936, 2,453,507.

Cities (100,000 population or over), 1946 census: Paris proper, 2,725,400 (1926, 2,871,400; 1936, 2,829,700); Department of the Seine, principally Paris and suburbs, 4,650,000 (1926, 4,628,600; 1936, 4,963,000). Other cities, 1946 population, 1936 in parentheses: Marseille, 636,300 (914,200); Lyon, 460,700 (570,600); Toulouse, 264,000 (213,200); Bordeaux, 253,800 (258,300); Nice, 211,200 (241,900); Nantes, 200,300 (195,200); Lille, 188,900 (200,600); Saint Etienne, 178,000 (190,200), Strasbourg, 175,500 (193,100); Toulon, 125,700 (150,300); Rennes, 113,800 (98,500); Nancy, 113,500 (121,300); Reims, 110,700 (116,700); Clermont-Ferrand, 108,100 (101,100); Limoges, 107,900 (95,200); Rouen, 107,700 (122,800); Le Havre, 106,900 (164,100); Nimes, 104,100 (93,800); Grenoble, 102,200 (95,800); Roubaix, 101,000 (107,100); Dijon, 100,700 (96,300); LeMans, 100,500 (84,500).

Urban population (all communes whose principal population center numbers 2,000 or over): 1946 census, 21,539,000 (53.2 percent of total population); 1936 census, 21,972,000 (52.4 percent of total).

Education.—School enrollment in thousands for school years 1937–38, 1942–43, and 1946–47, respectively: Elementary, 5,437; 4,865; 4,702; public secondary, 270; 330; 278; higher public instruction, 75; 166; 123. Illiterates (population 5 years old or over) 1931, 2,286,273 (6.4 percent); 1936, 1,867,951 (5.2 percent).

AGRICULTURE

Land Distribution (Thousand Acres)

Item	1937	1938	1943	1946
Arable land	50, 169	49, 904	42, 941	42, 983
Permanent meadow and pasture	28, 888	29, 098	29, 054	30, 517
Vineyards	3, 973	3, 966	3, 719	3, 781
Forests and woods	26, 573	26, 578	25, 259	27, 057
Orchards, market gardens, nurseries, etc.	2, 306	2, 315	2, 488	2, 760
Waste land, urban centers, roads, etc.	24, 241	24, 278	26, 568	29, 143
Total surface	136, 150	136, 150	[1] 136, 162	136, 162

[1] Alsace-Lorraine (Departments of Moselle, Bas-Rhin and Haut-Rhin) included in total surface figures but not in others. Wartime figures not strictly comparable with prewar and postwar data owing to use of different methods and to some deliberate falsification.

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units—bushels except as noted)				
	1937	1938	1943	1946	1947	1937	1938	1943	1946	1947
Wheat	12,590	12,479	10,568	10,030	8,384	257,828	360,121	234,349	245,225	120,004
Rye	1,638	1,559	996	1,045	1,097	29,132	31,927	13,503	17,243	15,117
Barley	1,861	1,875	1,599	1,700	2,367	46,710	59,295	32,839	47,261	51,578
Oats	8,038	8,018	5,720	6,049	6,452	272,312	375,953	193,729	257,249	193,798
Corn	852	840	551	549	647	20,274	22,794	7,441	7,677	7,755
Potatoes	3,548	3.521	1,967	2,716	3,047	583,411	636,211	240,154	447,056	469,102
Sugar beets[1]	786	788	625	596	724	8,666	7,985	6,116	6,517	8,108
Beet sugar[1, 2]	--------	--------	--------	--------	--------	872	767	553	670	600
Grapevines[3]	3,751	3,739	3,400	3,326	3,571	[4] 1,435	[4] 1,594	[4] 1,083	[4] 834	[4] 1,155
Olives[2, 5]	--------	--------	--------	--------	--------	66,138	72,752	24,251	33,069	(6)
Olive oil[2, 7]	--------	--------	--------	--------	--------	2,133	2,667	1,600	533	1,333
Hay (sown)[1]	7,339	7,196	6,662	6,516	(6)	11,530	8,840	6,528	9,962	8,734
Fodder beets[1]	2,347	2,414	1,833	1,913	(6)	32,170	38,259	21,834	27,157	21,984
Green forage[1]	1,742	1,769	1,614	1,433	(6)	11,635	11,097	9,232	10,023	(6)

[1] Quantity unit, metric ton.
[2] Season ending following year.
[3] Bearing area of vines for wine only, about 94 percent of total.
[4] Million (not thousand) gallons of wine.
[5] Quantity unit, pound.
[6] Not available.
[7] Quantities in gallons (not thousand gallons).

Livestock (Number in Thousands)

Kind	1937	1938	1943	1946	1947
Cattle	15,805	15,621	14,521	15,129	15,089
Hogs	7,117	7,127	3,790	5,277	5,656
Sheep	9,994	9,872	6,636	7,199	7,330
Goats	1,447	1,416	932	1,118	1,148
Horses, mules, and asses	3,048	2,985	2,327	2,548	2,599

Meat production 1938, 1946, and 1947, respectively, for each category (thousand metric tons): Beef and veal, 875, 750, 815; pork, 669, 410, 496; mutton and goat, 114, 50, 58; horse, 41, 40, 66; poultry and rabbit, 355, 352, 354.

Forest Products: Sales[1]

Product		1938	1942	1946	1947
Saw logs	thousand cu. ft.	238,370	130,238	189,566	170,637
Cooperage	do	(2)	6,074	1,695	1,554
Pit props	do	132,428	127,837	108,485	88,709
Pulpwood	do	27,368	27,686	34,749	29,664
Railway ties	thousands	(2)	3,740	3,532	3,116
Telegraph poles	do	(2)	496	334	280

[1] Sales represent the best available indication of output.
[2] Not available.

Salt Water Fish Landed from French Vessels in French Ports[1] (Thousands Metric Tons)

Type	1937	1946	1947
Cod and related species	81.0	37.8	46.8
Herring and related species	113.5	56.4	98.0
Tuna	10.7	6.8	4.8
Mackerel	21.3	13.5	12.0
Other species	[2] 131.8	130.0	145.0
Total	[3] 357.9	244.5	306.6

[1] Catch of fresh water fish in France amounts to only about 6,000 tons annually.
[2] Includes, in thousand metric tons: Flat fish, 25.2; crab, crayfish, lobster, and shrimp, 10.1; salmon, trout, and similar species, 0.1; and mussels, scallops, oysters and other mollusks.
[3] Discrepancy between total and sum of items results from rounding of figures.

MINING AND MANUFACTURING

Production of Minerals and Metals (Thousands of Metric Tons)

Item	1937	1938	1946	1947
Coal (including lignite)	45,328	47,562	49,300	47,300
Coke and semicoke	7,802	7,636	4,962	5,838
Briquets	6,160	7,565	5,347	5,254
Crude petroleum	(1)	72	44	42
Iron ore	37,839	33,062	16,214	18,687
Bauxite	670	682	472	679
Potash (K^2O content)	(1)	664	612	715
Pig iron	7,914	6,049	3,450	4,886
Crude steel (ingots and castings)	7,920	6,174	4,404	5,748
Finished iron and steel products	5,396	4,243	3,043	4,026

[1] Not available.

Manufacturing Production (Selected Items)

Product		1938	1946	1947
Agricultural tractors	number	1,740	1,884	4,200
Railway locomotives	do	108	252	132
Passenger automobiles	do	182,400	30,432	66,276
Trucks, light (under 2 tons)	do	22,440	16,692	29,148
Trucks, heavy (2 tons and over)	do	16,920	45,816	37,824
Bricks	1,000 metric tons	3,099	2,092	2,877
Tiles	do	1,250	572	632
Cement	1,000 bbl	20,826	19,771	22,585
Sulfuric acid	1,000 lb	2,804,251	1,851,864	2,356,717
Calcium carbide	do	346,122	295,416	326,281
Caustic soda	1,000 lb of NaOH	[1] 396,828	436,511	643,743
Synthetic ammonia	1,000 lb of nitrogen	361,554	306,439	357,145
Cotton yarn	1,000 lb	551,150	357,145	449,738
Cotton piece goods	do	319,667	204,485	295,416
Wool yarn (pure or mixed)	do	260,143	205,028	255,734
Rayon yarn	do	61,729	68,343	81,570
Staple fiber	do	13,228	37,478	48,501

[1] Not including lye produced from the washing of calcium hydroxide (production of lye by this method amounted to 88,942,000 pounds in 1946 and 114,763,000 pounds in 1947).

Index of Industrial Production (1938 = 100)

Industry	1946	1947	Industry	1946	1947
General index:			Metal working	81	98
Including construction	84	98	Glass	108	132
Excluding construction	79	95	Ceramics and construction materials	78	95
Electricity	113	128	Building and public works	118	122
Gas (natural and manufactured)	136	143	Chemical and related industries	91	109
Petroleum products and other liquid			Rubber	85	116
fuels	44	73	Tobacco and matches	96	111
Solid mineral fuels	95	93	Fats and oils	34	46
Extraction of metallic ores	52	60	Textiles	68	89
Extraction of construction materials	90	96	Leather	61	71
Extraction and preparation of other			Paper and cardboard	59	80
minerals	97	114	Printing and publishing	77	82
Metals production	71	94			

Electricity.—Rated power available (in thousands of kilowatts as of January 1, 1939, 1945, and 1946, respectively, for each group): Thermal plants, 4,818, 3,907, and 3,957; hydroelectric stations, 1,449, 1,379, and 1,517; total thermal and hydroelectric, 6,267, 5,286, and 5,474. Production capacity (in millions of kilowatt-hours per year as of January 1, 1939, 1945 and 1946, respectively, for each group): Thermal plants, 42,200, 34,300, and 34,700; hydroelectric stations, 12,700, 12,100, and 13,180; total thermal and hydroelectric, 54,900, 46,400, and 47,880.

Electric Energy Production (Million Kilowatt-Hours)

Year	Production				Used directly in power plant	Delivered to distribution network
	Thermal plants	Hydro-electric	Total	Percent hydro-electric		
1937 [1]	8,290	9,872	18,162	54	4,720	13,443
1938 [1]	8,744	10,026	18,770	53	4,083	14,687
1943 [2]	7,751	10,476	18,227	57	3,516	14,711
1946 [1]	11,359	10,818	22,177	49		
1947 [1]	12,612	12,706	25,318	50		

[1] 90 departments.
[2] 86 departments.

Consumption of Electric Energy[1] (Million Kilowatt-Hours)

Item	1938	1943	1946	1947
Total	**18,864**	**15,111**	**23,519**	**26,236**
High tension[2]	11,948	11,889	15,268	16,950
Energy	2,166		2,876	3,014
Transportation	1,393		1,717	1,764
Mining and metallurgy	3,152		4,134	4,732
Mechanical and electrical industries	970		1,277	1,502
Chemical and related industries	2,556		2,954	3,274
Other users	1,711		2,310	2,664
Low tension	6,916	3,222	8,251	9,286

[1] Including imported energy.
[2] Consumption by establishments utilizing more than 10,000 kilowatt-hours during any one month after January 1, 1941.

Labor Force[1] Structure (Estimates)

Industry group	March 1936		July 1946[2]	
	Thousands	Percent	Thousands	Percent
Total	**20,260**	**100.0**	**19,700**	**100.0**
Agriculture, forestry and fishing	7,204	35.6	6,400	32.5
Mining and quarrying	340	1.7	270	1.4
Manufacturing	5,179	25.5	4,765	24.2
Building and construction	745	3.7	675	3.4
Transport and communication	1,036	5.1	1,000	5.1
Public utilities	115	.6	130	.6
Commerce and services (total)	4,323	21.3	4,430	22.5
Commerce and banking	2,701	13.3	2,780	14.1
Personal and domestic services	1,622	8.0	1,650	8.4
Government administrative services	810	4.0	1,480	7.5
Armed forces	508	2.5	550	2.8

[1] "Unpaid family helpers" included in the labor force; unemployed classified according to their usual or last occupation (4.3 percent of the labor force unemployed in 1936; no data available on the total number actually unemployed in 1946).
[2] Figures for 1946 do not include approximately 500,000 German prisoners of war; 55,000 employed in mining, 100,000 in construction and public works, 250,000 in agriculture, and 95,000 in other industries.

Unemployment.—Workers in receipt of unemployment benefits, end of December: 1937, 365,452; 1938, 404,730; 1946, 9,532; 1947, 7,618.

TRANSPORTATION AND COMMUNICATION

Highways.—Length of roads in miles, 1946 (1938 in parentheses): Total, 391,482 (392,-103); national highways, 49,712 (49,712); departmental highways and secondary roads, 155,350 (157,835); rural roads and byroads, 186,420 (184,556). Number of 2- to 15-ton trucks in service (estimates): 1939, 245,000; 1946, 175,000.

Railways.—As of January 1, 1938, all of the principal railways in France (5 private and 2 Government controlled) and the two Paris belt lines owned by the private railway companies were brought under the unified authority of the state-controlled French National Railway Company (Societe Nationale des Chemins de Fer Français—S.N.C.F.).

Statistics of Railways[1]

Item		1938	1946	1947
Length of line	miles	26, 534	25, 229	25, 304
Locomotives, total	number	17, 996	15, 464	(2)
In usable condition	do	12, 300	10, 419	9, 651
Passenger cars	do	31, 141	[3] 18, 400	[3] 18, 400
Freight and baggage cars	do	499, 978	[4] 342, 100	[4] 361, 000
Train-miles	thousands	275, 218	192, 696	(2)
Passengers carried	do	539, 900	704, 200	(2)
Passenger-miles	millions	13, 080	19, 485	19, 462
Freight carried	1,000 metric tons	154, 000	157, 000	(2)
Ton-miles	millions	18, 331	23, 551	25, 850
Gross receipts[5]	million francs	15, 565	103, 708	132, 038
Receipts passenger service	do	4, 123	35, 387	41, 839
Receipts freight service	do	11, 206	63, 680	84, 614

[1] Includes all lines of the S. N. C. F.; excludes local and industrial railways.
[2] Not available.
[3] Of which 13,700 in usable condition in 1946 and 14,100 in 1947.
[4] Of which 280,000 in usable condition in 1946, and 294,000 in 1947.
[5] Including miscellaneous receipts not shown separately.

Civil Aviation: Traffic

Item	Air France				Other authorized carriers, 1947
	1937	1938	1946	1947	
Passengers:					
Number flown	77, 850	91, 223	284, 671	409, 497	112, 800
Thousand passenger-miles	29, 961	34, 539	200, 684	356, 008	60, 000
Freight, parcel post and excess baggage:					
Metric tons carried	1, 217	1, 368	5, 087	6, 324	6, 285
Thousand metric ton-miles	570	588	3, 181	4, 728	4, 241
Mail:					
Metric tons carried	860	1, 145	4, 196	4, 921	134
Thousand metric ton-miles	534	711	4, 945	7, 295	5

NOTE.—Air France is a wholly Government-owned company. It operates the bulk of the scheduled routes within France and the French Union and is the only French company authorized to operate scheduled air services outside the French Union. At the end of 1947 there were 39 private companies authorized to operate non-scheduled and charter service for cargo and passengers within France and to some extent between France and North Africa. No data are available on operation of these carriers before 1947.

Inland waterways.—Navigable river and canal mileage: 1938, 5,980; 1947 mileage approximately the same. Traffic, thousands of metric tons carried: 1937, 47,251; 1938, 45,018; 1943, 22,926; 1946, 24,000; 1947, 28,899; millions of ton-miles of freight carried: 1937, 4,898; 1938, 5,130; 1943, 2,330; 1946, 2,530; 1947, 2,921.

Merchant Marine (Vessels of More Than 100 Gross Tons)

In service as of—	Passenger vessels		Tankers		Freighters		Total	
	Number	Tonnage[1]	Number	Tonnage[1]	Number	Tonnage[1]	Number	Tonnage[1]
September 1, 1939	146	1, 156	72	323	452	1, 245	670	2, 734
August 1, 1946	47	455	32	162	234	649	313	1, 265
January 1, 1947	49	421	41	176	254	859	374	1, 457
July 1, 1947	50	426	50	259	337	1, 151	437	1, 835
June 1, 1948	56	472	65	406	407	1, 340	528	2, 218

[1] Tonnages are in thousands of gross tons.

Entrances of Vessels with Cargo[1]

Item	1938	1939	1943	1946	1947
Total entrances at all ports:					
Number of vessels	24, 459	19, 872	773	9, 255	11, 363
Capacity (1,000 net registered tons)	51, 936	39, 880	376	16, 188	22, 908
Principal ports (capacity in 1,000 net registered tons):					
Bordeaux	2, 886	2, 656	22	1, 349	1, 756
Boulogne	3, 131	2, 503		280	647
Calais	1, 427	1, 149	----------	880	1, 471
Cherbourg	6, 549	4, 008	----------	1, 072	2, 678
Dunkerque	3, 853	3, 189	----------	20	250
Le Havre	8, 796	6, 620	251	4, 086	5, 682
Marseille	12, 985	10, 282	362	3, 167	5, 268
Rouen	3, 746	2, 979	1	2, 658	4, 057

[1] Totals are for vessels in foreign trade; figures by principal ports include national coastwise traffic.

Statistics of Posts, Telegraphs, and Telephones (All Government Owned)

Item	1937	1938	1946	1947
Postal service:				
Offices ... number	17, 114	17, 174	16, 876	(1)
Pieces of mail ... millions	5, 708	5, 664	4, 059	(1)
Gross receipts ... 1,000 francs	1, 905, 864	2, 263, 000	(1)	(1)
Telegraphs:				
Messages sent ... thousands	28, 170	31, 135	37, 062	27, 564
Gross receipts ... 1,000 francs	267, 078	252, 009	(1)	(1)
Telephones:				
Instruments ... number	1, 550, 267	1, 589, 595	1, 904, 695	2, 038, 647
Gross receipts ... 1,000 francs	1, 584, 355	1, 821, 975	(1)	(1)

[1] Not available.

FOREIGN TRADE

Per capita trade.—1947: Imports, $70.80; exports, $43.50.

Basis of trade statistics.—Statistical area comprises continental France, Corsica, the other French coastal islands, and the principality of Monaco. Tables show special commerce (i.e., imports for consumption and exports of French products). Both quantities and values are based on declarations; import values, c. i. f., exports, f. o. b.

Since 1934 imports are charged to country of production, that is, the country where the merchandise has been harvested, extracted, or manufactured. In the case of exports, shipments at exportation are charged to the last-known country of destination.

Foreign trade values have been converted from francs to United States dollars at the following rates: 1934, $0.065688; 1935, $0.066013; 1936, $0.061141; 1937, $0.040460; 1938, $0.028781; 1939, $0.026468; 1940, $0.020827; 1941–44, $0.02283; 1945, $0.0202; 1946–47, $0.0084.

"France Overseas," as used in the accompanying tables, includes French North Africa and Indochina as well as other French oversea areas.

Value of Imports and Exports

Year	Thousands of francs		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	23, 097, 300	17, 850, 100	1, 517, 215	1, 172, 537
1935	20, 974, 000	15, 495, 700	1, 384, 557	1, 022, 918
1936	25, 414, 100	15, 491, 800	1, 553, 843	947, 184
1937	42, 390, 900	23, 938, 700	1, 715, 136	968, 566
1938	46, 064, 200	30, 590, 100	1, 325, 774	880, 414
1939	43, 785, 200	31, 590, 000	1, 158, 907	836, 124
1940	45, 770, 000	17, 511, 500	953, 252	364, 712
1941	24, 936, 000	15, 777, 100	569, 289	360, 191
1942	25, 952, 400	29, 664, 300	592, 493	677, 236
1943	13, 960, 300	35, 407, 500	318, 714	808, 353
1944	9, 769, 406	25, 556, 686	223, 036	583, 459
1945	54, 839, 766	11, 396, 858	1, 107, 763	230, 217
1946	234, 041, 646	101, 405, 639	1, 965, 950	851, 807
1947	346, 493, 027	212, 821, 615	2, 910, 541	1, 787, 702

Trade with Principal Countries (Thousands of Dollars)

Country	Imports for consumption				Exports of French products			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**1, 715, 135**	**1, 325, 774**	**1, 965, 950**	**2, 910, 541**	**968, 558**	**880, 414**	**851, 807**	**1, 787, 702**
United States	163, 184	151, 886	548, 870	767, 275	62, 125	48, 434	52, 663	47, 905
Canada	21, 329	17, 848	66, 265	69, 862	5, 610	4, 801	4, 196	8, 301
French West Indies	23, 442	19, 445	18, 666	70, 531	9, 345	7, 657	5, 171	25, 814
Argentina	38, 127	26, 947	93, 801	99, 270	21, 621	20, 992	9, 981	33, 506
Brazil	24, 474	21, 125	13, 341	57, 460	7, 654	8, 623	6, 944	25, 666
Venezuela	12, 581	9, 410	26, 281	50, 639	2, 866	3, 341	2, 072	7, 438
Belgium-Luxembourg	123, 791	90, 934	86, 217	151, 879	127, 289	120, 343	173, 260	217, 378
Czechoslovakia	16, 511	8, 634	5, 890	17, 099	17, 041	11, 700	5, 155	19, 192
Denmark	3, 686	2, 833	8, 565	14, 679	4, 382	4, 875	9, 300	14, 618
Finland	18, 218	8, 182	5, 560	15, 738	3, 973	3, 503	4, 369	10, 864
Germany	131, 439	90, 752	93, 283	113, 689	57, 251	53, 274	19, 523	48, 903
Italy	23, 116	16, 634	19, 711	22, 497	25, 550	13, 961	5, 303	18, 145
Netherlands	42, 739	34, 162	16, 204	46, 157	33, 635	38, 713	29, 792	69, 335
Norway	12, 364	8, 940	16, 443	27, 264	7, 499	6, 798	12, 082	28, 460
Poland	16, 190	12, 828	6, 359	7, 490	7, 592	10, 258	103	11, 008
Rumania	16, 063	6, 200	1	159	8, 571	9, 989	267	915
Spain	12, 746	5, 523	1, 798	163	17, 194	11, 206	505	29
Sweden	33, 250	18, 728	37, 417	57, 804	14, 330	14, 221	27, 752	51, 082
Switzerland	32, 928	28, 613	59, 434	74, 656	58, 496	55, 540	80, 534	111, 830
U.S.S.R.	29, 083	17, 923	23, 520	9, 780	4, 533	5, 049	1, 155	103
United Kingdom	136, 896	93, 011	116, 729	94, 013	110, 069	102, 431	46, 521	124, 855
British Malaya	24, 160	16, 107	739	18, 472	1, 559	1, 009	3, 226	4, 499
India	47, 028	36, 702	16, 291	42, 551	4, 813	5, 178	4, 176	11, 873
French Indochina	66, 831	54, 413	35, 516	31, 225	29, 909	26, 736	21, 730	63, 926
Iraq	40, 852	40, 318	14, 087	22, 590	383	324	1, 422	3, 909
Syria-Lebanon	3, 628	3, 510	13, 998	2, 860	4, 630	4, 818	7. 973	19, 756
Australia	51, 284	43, 487	73, 186	79, 767	3, 005	3, 422	1, 843	8, 808
Egypt	21, 747	13, 938	18, 531	36, 645	7, 378	9, 265	12, 418	27, 312
Union of South Africa	13, 406	11, 884	21, 141	21, 681	3, 222	4, 584	5, 442	11, 641
Algeria	154, 043	139, 991	201, 430	295, 980	133, 100	108, 777	111, 759	254, 122
French West Africa	61, 086	43, 426	51, 082	89, 562	22, 322	22, 545	32, 121	82, 725
Madagascar	20, 931	19, 579	19, 348	42, 636	11, 786	11, 155	8, 301	27, 872
French Morocco	26, 347	24, 689	55, 937	115, 996	19, 575	20, 432	54, 935	141, 209
Tunisia	29, 998	25, 284	17, 901	35, 206	32, 313	28, 219	36, 987	83, 965
French colonies, n.e.s.	32, 436	29, 178	20, 321	58, 215	11, 195	11, 148	2, 469	47, 545
Other countries	189, 201	132, 710	142, 087	249, 051	76, 742	67, 093	50, 357	123, 193
Ships' stores	----------	----------	----------	----------	2, 413	1, 842	2, 655	6, 155
Percent of total:								
United States	9. 5	11. 5	27. 9	26. 4	6. 4	5. 5	7. 4	2.7
Argentina	2. 2	2. 0	4. 8	3. 4	2. 2	2. 4	1. 2	1.9
Belgium-Luxembourg	7. 2	6. 9	4. 4	5. 2	13. 1	13. 7	20. 3	12.2
Germany	7. 7	6. 8	4. 7	3. 9	5. 9	6. 1	2. 2	2.7
Netherlands	2. 5	2. 6	2. 8	1. 6	3. 5	4. 4	3. 5	3.4
United Kingdom	8. 0	7. 0	5. 9	3. 2	11. 4	11. 6	5. 5	7.0
Switzerland	1. 9	2. 2	3. 0	2. 6	6. 0	6. 3	9. 4	6.3
Algeria	9. 0	10. 6	10. 2	10. 2	13. 7	12. 4	13. 1	14.2

n. e. s. Not elsewhere specified.

Imports, by Economic Class (Thousands of Dollars)

Class and source	1937	1938	1946	1947
Imports for consumption, total	**1,715,136**	**1,325,774**	**1,965,950**	**2,910,541**
Foreign countries		**966,260**	**1,531,751**	**2,171,190**
France overseas		**359,514**	**434,199**	**739,351**
Foods and beverages:				
Total	434,403	359,523	584,817	774,099
Foreign countries		91,959	308,893	255,709
France overseas		267,564	275,924	518,390
Materials used by industry:				
Total	1,018,682	773,193	885,464	1,426,939
Foreign countries		686,663	761,289	1,242,045
France overseas		86,530	124,175	184,894
Manufactured products:				
Total	262,051	193,058	495,669	709,503
Foreign countries		187,638	461,569	673,436
France overseas		5,420	34,100	36,067

Exports, by Economic Class (Thousands of Dollars)

Class and destination	1937	1938	1946	1947
Exports of French products, total	**968,560**	**880,414**	**851,807**	**1,787,701**
Foreign countries		**638,927**	**570,360**	**1,060,525**
France overseas		**241,487**	**281,447**	**727,177**
Foods and beverages:				
Total	136,500	126,451	165,854	261,888
Foreign countries		83,715	121,922	135,242
France overseas		42,736	43,932	126,646
Materials used by industry:				
Total	340,985	283,282	136,093	244,866
Foreign countries		251,050	112,118	185,543
France overseas		32,232	23,975	59,323
Manufactured products:				
Total	491,075	470,681	549,860	1,280,947
Foreign countries		304,162	336,320	739,740
France overseas		166,519	213,540	541,207

Imports of Principal Commodities

Commodity	Quantity					
	1938			1947		
	Foreign countries	France overseas	Total	Foreign countries	France overseas	Total
Imports for consumption, total	----------	----------	----------	----------	----------	----------
Horses .... 1,000 lb.	962	16,708	17,670	32,235	420	32,655
Foods and beverages, total ... do.	2,589,065	10,311,298	12,900,363	4,197,979	3,718,359	7,916,338
Animals, edible; meat; poultry; game ... do.	54,503	124,551	179,054	126,282	37,049	163,331
Animal fats, other than fish; margarine and similar substances ... 1,000 lb.	3,676	487	4,163	69,471	285	69,756
Milk, natural or condensed ... do.	2,093	2	2,095	87,619	13	87,632
Cheese ... do.	31,400	52	31,452	9,300	2	9,302
Fish and shellfish ... do.	135,604	28,659	164,263	101,198	38,689	139,887
Wine ... 1,000 gal.	5,304	496,497	501,801	360	192,512	192,872
Brandy and spirits ... do.	162	16,929	17,091	464	22,804	23,268
Cereals (grain and flour), including malt ... 1,000 lb.	578,718	2,318,318	2,897,036	2,730,231	374,744	3,104,975
Potatoes ... 1,000 bu.	2,906	2,776	5,682	8,134	1,390	9,524
Fruits and nuts ... 1,000 lb.	592,916	712,996	1,305,912	69,399	720,685	790,084
Sugar, raw or refined ... do.	274,927	423,938	698,865	152,712	22,419	175,131
Coffee ... do.	279,997	130,789	410,786	65,496	102,967	168,463
Cocoa ... do.	10,171	85,383	95,554	159	90,160	90,319
Other foods and beverages ... 1,000 lb.	405,686	2,090,731	2,496,417	291,436	480,942	772,378
Hides, skins and furs ... do.	64,368	34,222	98,590	44,335	20,692	65,027
Hides and skins, dressed ... do.	8,311	767	9,078	7,798	707	8,505
Leather manufactures, natural and artificial ... 1,000 lb.	2,375	292	2,667	1,807	2,003	3,810
Furs, dressed and made up ... do.	1,123	1	1,124	1,329	58	1,387
Oil, fixed, pure, other than olive ... 1,000 lb.	32,260	68,580	100,840	180,968	20,638	201,606
Oil cake and waste ... do.	161,986	17,784	179,770	262,161	129,306	391,467
Rubber and gutta-percha ... do.	114,373	35,692	150,065	90,151	76,948	167,099
Oilseeds and fruits ... do.	1,391,350	1,584,045	2,975,395	409,236	594,672	1,003,908
Tobacco, leaf ... do.	30,700	26,350	57,050	50,312	18,174	68,486
Cotton, raw and cotton waste ... 1,000 lb.	649,468	23,259	672,727	463,762	36,844	500,606
Textiles: yarns and fabrics, all kinds ... 1,000 lb.	73,278	26,926	100,204	94,215	11,022	105,237
Flax ... do.	85,873	11	85,884	76,588	1	76,589
Jute ... do.	180,265	56	180,321	129,825	96	129,921
Vegetable fibers, other ... do.	132,348	61,522	193,870	72,522	114,949	187,471
Wool and wool waste ... do.	493,413	36,666	530,079	426,426	4,963	431,389
Clothing and lingerie ... do.	2,558	113	2,671	8,613	625	9,238
Wood and lumber ... long tons.	664,627	219,183	883,810	1,796,029	107,057	1,903,086
Wood pulp ... do.	503,927	----------	503,927	355,146	256	355,402
Paper and cardboard ... 1,000 lb.	91,930	22	91,952	243,442	721	244,163
Coal ... 1,000 long tons.	21,497	253	21,750	14,804	76	14,880
Petroleum, crude or refined ... 1,000 bbls.	52,374	21	52,396	39,871	[2]	39,871
Heavy oils ... do.	4,398	1	4,399	7,878	[2]	7,878
Building materials ... 1,000 long tons.	1,169	6	1,175	1,049	9	1,058
Pottery, paving ceramics ... 1,000 lb.	110,495	64	110,559	154,290	37	154,327
Precious stones	----------	----------	----------	----------	----------	----------
Stones and earths for the arts ... long tons.	562,521	831,861	1,394,382	529,685	1,194,493	1,724,178
Iron and steel ... do.	45,686	97	45,783	533,200	152	533,352
Aluminum ... 1,000 lb.	1,157	217	1,374	59,726	8,933	68,659
Copper ... do.	267,774	3,224	270,998	388,729	7,564	396,293
Lead ... do.	68,128	37,827	105,955	101,049	18,712	119,761
Tin ... do.	19,476	1,853	21,329	22,546	154	22,700
Zinc ... do.	69,093	10,074	79,167	132,925	341	133,266
Machinery ... long tons.	48,876	57	48,933	181,216	361	181,577
Machine parts ... do.	15,773	25	15,798	32,622	81	32,703
Metal manufactures ... do.	33,127	565	33,692	78,825	2,366	80,891
Automotive vehicles and parts, excluding motorcycles ... do.	9,842	14	9,856	21,887	184	22,071
Other land vehicles and parts ... long tons.	1,462	40	1,502	439,816	128	439,943
Aircraft and parts ... do.	----------	----------	----------	1,608	43	1,651
Ships and boats ... do.	32,156	10	32,166	714,565	58	714,623
Sulfur and pyrites ... do.	876 040	1	876,041	687,040	----------	687,040
Books and printed matter ... 1,000 lb.	16,402	143	16,545	13,969	148	14,117
Glass and crystal ... do.	22,812	302	23,114	17,261	1,067	18,328
Other merchandise	----------	----------	----------	----------	----------	----------

Imports of Principal Commodities

Value (thousands of dollars)						Commodity
1938			1947			
Foreign countries	France overseas	Total	Foreign countries	France overseas	Total	
966,260	**359,514**	**1,325,774**	**2,171,190**	**739,351**	**2,910,541**	**Imports for consumption, total**
211	600	811	12,710	156	12,866	Horses
91,959	267,564	359,523	255,709	518,390	774,099	Foods and beverages, total
4,970	9,021	13,991	31,096	9,229	40,325	Animals, edible; meat; poultry; game
175	25	200	16,335	57	16,392	Animal fats, other than fish; margarine and similar substances
180	(1)	180	19,979	3	19,982	Milk, natural or condensed
5,625	5	5,630	4,279	1	4,280	Cheese
6,730	2,254	8,984	9,042	9,081	18,123	Fish and shellfish
2,847	92,133	94,980	391	172,248	172,639	Wine
440	8,547	8,987	929	53,692	54,621	Brandy and spirits
10,948	45,470	56,418	95,715	14,539	110,254	Cereals (grain and flour) including malt
2,144	2,858	5,002	16,129	7,688	23,817	Potatoes
22,858	21,704	44,562	8,963	133,769	142,732	Fruits and nuts
4,031	16,192	20,223	8,515	1,572	10,087	Sugar, raw or refined
17,154	12,738	29,942	14,938	23,955	38,893	Coffee
608	4,712	5,320	51,	11,963	12,014	Cocoa
13,249	51,855	65,104	29,347	80,593	109,940	Other foods and beverages
20,760	4,141	24,901	24,476	11,559	36,035	Hides, skins and furs
3,271	337	3,608	2,296	2,365	4,661	Hides and skins, dressed
1,952	157	2,109	3,065	5,716	8,781	Leather manufactures, natural and artificial
3,599	8	3,607	5,308	211	5,519	Furs, dressed and made up
1,698	2,454	4,152	45,360	3,720	49,090	Oil, fixed, pure, other than olive
2,368	225	2,593	9,797	5,337	15,134	Oil cake and waste
14,871	4,990	19,861	14,646	19,532	34,178	Rubber and gutta-percha
34,002	35,185	69,187	41,401	51,433	92,834	Oilseeds and fruits
4,704	2,630	7,334	13,755	3,193	16,948	Tobacco, leaf
64,271	2,330	66,601	144,147	10,390	154,537	Cotton, raw and cotton waste
13,633	1,647	15,280	37,369	11,933	49,302	Textiles: yarns and fabrics, all kinds
8,856	1	8,857	16,049	(1)	16,049	Flax
7,568	2	7,570	18,926	4	18,930	Jute
7,013	1,474	8,487	14,689	8,377	23,066	Vegetable fibers, other
78,324	4,283	82,607	126,703	2,090	128,793	Wool and wool waste
1,421	71	1,492	7,878	1,215	9,093	Clothing and lingerie
16,134	6,295	22,429	43,392	10,620	54,012	Wood and lumber
19,803	----	19,803	46,034	30	46,064	Wood pulp
5,373	2	5,375	25,348	73	25,421	Paper and cardboard
137,273	2,556	139,829	183,289	1,113	184,402	Coal
109,896	49	109,945	127,855	(1)	127,855	Petroleum, crude or refined
11,361	2	11,363	27,669	2	27,671	Heavy oils
2,553	51	2,604	5,046	209	5,255	Building materials
2,269	3	2,272	5,830	8	5,838	Pottery, paving ceramics
15,728	141	15,869	6,617	315	6,932	Precious stones
6,495	4,715	11,210	8,585	18,977	27,562	Stones and earths for the arts
4,831	2	4,833	40,455	17,	40,472	Iron and steel
378	12	390	10,281	989	11,270	Aluminum
26,063	215	26,278	81,218	916	82,134	Copper
2,747	1,543	4,290	16,672	2,608	19,280	Lead
7,956	704	8,660	17,274	115	17,389	Tin
2,447	351	2,798	16,838	33	16,871	Zinc
43,323	16	43,339	154,704	172	154 876	Machinery
13,458	14	13,472	33,140	63	33,203	Machine parts
15,891	39	15,930	28,133	617	28,750	Metal manufactures
5,652	3	5,655	18,808	115	18,923	Automotive vehicles and parts, excluding motorcycles
618	5	623	107,490	42	107,532	Other land vehicles and parts
----	----	----	6,340	15	6,355	Aircraft and parts
3,331	1	3,332	80,679	2	80,681	Ships and boats
8,233	(1)	8,233	13,775	----	13,775	Sulfur and pyrites
3,100	20	3,120	11,480	131	11,611	Books and printed matter
4,563	4	4,567	4,515	139	4,654	Glass and crystal
136,303	14,672	150,975	255,439	46,399	301,838	Other merchandise

[1] Less than $500. [2] Less than 500 barrels.

Exports of Principal Commodities

Commodity	Quantity					
	1938			1947		
	Foreign countries	France overseas	Total	Foreign countries	France overseas	Total
Exports of French products, total						
Foods and beverages, total ... 1,000 lb	1,546,876	1,050,033	2,596,909	621,239	1,055,392	1,676,631
Cheese ... do	10,147	16,354	26,501	7,326	10,352	17,678
Fish and shellfish ... do	70,659	25,374	96,033	7,973	8,753	16,726
Wine ... 1,000 gal	23,384	8,327	31,711	17,260	10,488	27,748
Brandy and spirits ... do	4,552	994	5,546	7,795	8,178	15,973
Liqueurs ... do	575	521	1,096	2,567	3,062	5,629
Cereals (grain and flour), including malt ... 1,000 lb	284,427	83,753	368,180	60,840	250,573	311,413
Vegetables, dried ... do	51,119	17,249	68,368	8,080	2,776	10,856
Potatoes ... 1,000 bu	490	2,808	3,288	935	2,842	3,777
Vegetables, fresh ... 1,000 lb	121,606	2,817	124,423	99,359	5,139	104,498
Vegetables, salted or preserved 1,000 lb	9,355	13,688	22,523	9,561	16,999	26,560
Fruits and nuts ... do	432,972	11,945	444,917	47,669	14,993	62,662
Sugar, raw or refined ... do	10,569	414,211	424,780	25,851	288,252	314,103
Sugar preparations, (sirups, bonbons, fruits, biscuits, etc.) ... 1,000 lb	17,335	26,098	43,433	9,158	18,264	27,422
Other foods & beverages ... do	275,500	189,414	464,914	62,582	90,391	152,973
Hides, skins and furs, raw ... do	133,309	289	133,598	13,885	416	14,301
Hides and skins, prepared ... do	11,538	7,629	19,167	3,471	4,441	7,912
Leather manufactures, natural and artificial ... 1,000 lb	3,380	7,147	10,527	1,108	6,307	7,415
Furs dressed, made up ... do	858	16	874	489	52	541
Rubber and gutta-percha ... do	9,449	19,896	29,345	18,996	22,454	41,450
Seeds for sowing ... do	18,418	1,184	19,602	46,451	1,254	47,705
Cotton, raw and waste ... do	45,979	713	46,692	10,413	532	10,945
Yarns and fabrics ... do	98,491	159,276	257,767	87,752	103,826	191,578
Cotton yarn ... do	13,020	7,326	20,346	5,829	3,380	9,209
Wool yarn ... do	23,167	1,266	24,433	22,785	1,776	24,561
Silk, floss-silk and rayon yarn 1,000 lb	12,344	2,139	14,483	14,744	2,283	17,027
Cotton fabrics ... do	9,027	95,989	105,016	11,740	68,241	79,981
Wool fabrics ... do	8,437	2,722	11,159	13,173	6,332	19,505
Silk, floss-silk and rayon fabrics ... 1,000 lb	9,887	5,969	15,856	9,904	4,551	14,455
Flax ... do	220,411	6	220,417	200,781	3	200,784
Wool and wool waste ... do	130,442	476	130,918	33,762	5,424	39,186
Lingerie, clothing and made up articles ... 1,000 lb	1,797	10,630	12,427	782	15,446	16,228
Hats and caps ... do	2,017	339	2,136	276	1,064	1,340
Wood and lumber ... long tons	902,758	99,836	1,002,594	345,241	171,281	516,522
Furniture ... 1,000 lb	2,032	3,987	6,019	1,048	4,205	5,253
Wood manufactures ... long tons	18,205	22,099	40,304	9,148	47,788	56,936
Paper base stocks ... 1,000 lb	155,944	22,252	178,196	16,727	3,535	20,262
Paper and paper products ... do	56,244	89,204	145,448	113,678	71,829	185,507
Cardboard and manufactures ... do	9,114	12,769	21,883	13,157	17,920	31,077
Coal, coke, briquets and lignite 1,000 long tons	1,149	33	1,182	474	11	485
Petroleum and other mineral oils, crude or refined ... 1,000 bbl	521	843	1,364	88	1,514	1,602
Heavy oils and residues of petroleum ... do	1,721	530	2,251	1,615	890	2,505
Pottery, glass, and crystal 1,000 lb	99,845	131,425	231,270	226,453	130,937	357,390
Pottery and paving tile ... do	43,264	74,613	117,877	31,406	67,678	99,084
Faience and porcelain ... do	13,790	15,167	28,957	17,811	16,927	34,738
Glass and crystal ... do	37,324	39,699	77,023	166,959	43,065	210,024
Building materials 1,000 long tons	678	421	1,099	707	195	902
Iron and steel ... do	1,359	218	1,577	172	119	291
Aluminum ... 1,000 lb	34,719	419	25,138	7,536	3,245	10,781
Copper ... do	37,952	6,874	44,826	12,096	5,480	17,576
Precious stones						
Goldsmith's wares, jewelry of gold, silver, platinum ... 1,000 troy oz	132	24	156	492	216	708
Costume jewelry, gilded or silvered ... 1,000 lb	499	101	600	437	97	534
Clocks and watches, chimes, music boxes, and clock and watch fittings ... 1,000 lb	1,894	1,189	3,083	3,046	1,218	4,264
Machinery ... long tons	39,998	25,234	65,232	42,501	40,977	83,478
Boilers ... do	4,049	4,852	8,901	14,320	4,186	18,506
Machine parts ... do	15,274	15,381	30,655	16,576	16,805	33,381
Metal manufactures ... do	201,157	135,919	337,076	137,854	115,152	253,006

Exports of Principal Commodities

Value (thousands of dollars)						Commodity
1938			1947			
Foreign countries	France overseas	Total	Foreign countries	France overseas	Total	
638,927	**241,487**	**880,414**	**1,060,525**	**727,177**	**1,787,702**	----**Exports of French products, total**
83,715	42,736	126,451	135,242	126,646	261,888	Foods and beverages, total
1,622	2,579	4,201	3,263	4,090	7,353	Cheese
3,892	1,443	5,335	2,790	1,220	4,010	Fish and shellfish
21,169	3,754	24,923	44,794	18,715	63,509	Wine
13,148	1,074	14,222	33,592	14,161	47,753	Brandy and spirits
2,264	694	2,958	7,460	6,503	13,963	Liqueurs
4,603	1,895	6,498	3,469	8,319	11,788	Cereals (grain and flour), including malt
1,579	767	2,346	1,163	698	1,861	Vegetables, dried
293	1,643	1,936	2,460	9,363	11,823	Potatoes
3,044	89	3,133	5,771	601	6,372	Vegetables, fresh
826	788	1,614	2,387	5,183	7,570	Vegetables, salted or preserved
12,114	572	12,686	9,678	2,913	12,591	Fruits and nuts
198	13,760	13,958	2,415	26,851	29,266	Sugar, raw or refined
1,849	2,419	4,268	3,885	4,840	8,725	Sugar preparations (sirups, bonbons, fruits, biscuits,etc.)
17,114	11,260	28,374	12,116	23,188	35,304	Other foods and beverages
21,181	36	21,217	9,502	178	9,680	Hides, skins and furs, raw
7,995	1,548	9,543	9,058	2,356	11,414	Hides and skins, prepared
4,336	2,108	6,444	6,223	5,402	11,625	Leather manufactures, natural and artificial
4,107	116	4,223	4,486	994	5,480	Furs, dressed, made up
3,268	5,268	8,536	14,691	13,018	27,709	Rubber and gutta-percha
2,197	79	2,276	13,448	407	13,855	Seeds for sowing
2,921	40	2,961	3,799	128	3,927	Cotton, raw and waste
69,918	49,057	118,975	243,156	154,223	397,379	Yarns and fabrics
7,086	1,872	8,958	9,549	3,066	12,615	Cotton yarn
13,039	591	13,630	50,548	2,502	53,050	Wool yarn
5,965	667	6,632	13,121	1,647	14,768	Silk, floss-silk and rayon yarn
6,340	34,916	41,256	34,131	106,075	140,206	Cotton fabrics
8,582	1,655	10,237	52,113	15,576	67,689	Wool fabrics
23,100	5,068	28,168	71,144	18,065	89,209	Silk, floss-silk and rayon fabrics
4,505	(1)	4,505	6,121	1	6,122	Flax
43,025	105	43,130	34,157	1,988	36,145	Wool and wool waste
4,578	2,437	7,015	7,099	21,055	28,154	Lingerie, clothing and made-up articles
594	54	648	1,858	2,664	4,522	Hats and caps
8,171	2,068	10,239	7,779	10,297	18,076	Wood and lumber
671	539	1,210	424	1,678	2,102	Furniture
4,761	1,828	6,589	7,100	10,564	17,664	Wood manufactures
5,369	312	5,681	2,652	442	3,094	Paper base stocks
10,820	4,618	15,438	24,397	10,742	35,139	Paper and paper products
810	701	1,511	1,744	3,444	5,188	Cardboard and manufactures
7,723	254	7,977	11,289	231	11,520	Coal, coke, briquets and lignite
1,262	2,727	3,989	786	9,767	10,553	Petroleum and other mineral oils, crude or refined
3,530	1,637	5,167	5,538	2,952	8,490	Heavy oils and residues of petroleum
5,204	4,214	9,418	29,614	15,150	44,764	Pottery, glass, and crystal
983	1,142	2,125	2,653	3,396	6,049	Pottery and paving tile
1,187	808	1,995	6,486	4,246	10,732	Faience and porcelain
2,485	2,070	4,555	19,185	6,558	25,743	Glass and crystal
2,094	2,983	5,077	4,497	3,818	8,315	Building materials
46,226	9,868	56,094	16,310	12,654	28,964	Iron and steel
6,019	73	6,092	1,996	1,148	3,144	Aluminum
2,945	911	3,856	3,247	1,814	5,061	Copper
18,275	175	18,450	1,457	319	1,776	Precious stones
2,127	90	2,217	2,186	1,299	3,485	Goldsmith's wares, jewelry of gold, silver, platinum
844	87	931	3,324	636	3,960	Costume jewelry, gilded or silvered
1,205	621	1,826	7,504	2,654	10,158	Clocks and watches, chimes, music boxes, and clock and watch fittings
16,148	9,646	25,794	41,669	47,516	89,185	Machinery
736	856	1,592	4,100	2,610	6,710	Boilers
6,328	5,761	12,089	12,044	17,079	29,123	Machine parts
17,521	15,509	33,030	39,543	50,297	89,840	Metal manufactures

Exports of Principal Commodities—Continued

Commodity	Quantity					
	1938			1947		
	Foreign countries	France overseas	Total	Foreign countries	France overseas	Total
Exports of French products—Continued						
Automotive vehicles, and parts, excluding motorcycles..long tons..	20,038	19,039	39,077	65,866	56,543	122,409
Other land vehicles..........do....	3,106	10,222	13,328	9,354	17,813	27,167
Aircraft and parts..........do....	461	69	530	155	99	254
Extracts of dyewood and of other dyestuffs, and dyes derived from coal tar..................1,000 lb..	11,422	1,628	13,050	5,146	2,706	7,852
Dyes, inks, pencils, etc..........do....	97,408	23,735	121,143	97,448	31,089	128,537
Medicinal compounds..........do....	15,709	9,455	25,164	9,756	16,850	26,606
Fertilizer, potash..........long tons..	716,074	3,186	719,260	644,506	42,044	686,550
Fertilizer, phosphate..........do....	277,497	81,359	358,856	108,631	39,602	148,233
Volatile oils and vegetable essences and synthetic perfumes..1,000 lb..	3,421	361	3,782	2,555	622	3,177
Perfumery and soap..........do....	25,700	100,687	126,387	7,245	17,641	24,886
Motion picture film..........do....	384	56	440	480	267	747
Scientific instruments..........do....	2,063	887	2,950	2,342	1,745	4,087
Musical instruments..........do....	967	484	1,451	1,259	751	2,010
Small wares and fans..........do....	2,925	284	3,209	1,308	466	1,774
Toys and games..........do....	4,709	5,284	9,993	2,517	6,376	8,893
Books and printed matter....do....	32,197	8,325	40,522	17,147	7,024	24,171
Other merchandise..................	----------	----------	----------	----------	----------	----------

Exports of Principal Commodities—Continued

Value (thousands of dollars)						Commodity
1938			1947			
Foreign countries	France overseas	Total	Foreign countries	France overseas	Total	
						Exports of French products—Continued
14,524	11,287	25,811	85,037	60,234	145,271	Automotive vehicles, and parts, excluding motorcycles
2,374	2,850	5,224	12,030	9,677	21,707	Other land vehicles
3,314	435	3,749	2,227	434	2,661	Aircraft and parts
5,003	430	5,433	7,982	1,655	9,637	Extracts of dyewood and of other dyestuffs, and dyes derived from coal tar
3,128	1,663	4,791	6,055	5,486	11,541	Dyes, inks, pencils, etc.
9,335	2,906	12,241	9,889	14,436	24,325	Medicinal compounds
13,050	64	13,114	25,344	1,880	27,224	Fertilizer, potash
1,719	1,930	3,649	3,318	3,242	6,560	Fertilizer, phosphate
5,345	146	5,491	11,740	1,107	12,847	Volatile oils and vegetable essences and synthetic perfumes
6,233	4,976	11,209	12,750	8,679	21,429	Perfumery and soap
926	130	1,056	1,680	462	2,142	Motion picture film
2,205	475	2,680	6,619	2,953	9,572	Scientific instruments
763	160	923	2,532	785	3,317	Musical instruments
2,079	101	2,180	5,564	867	6,431	Small wares and fans
1,758	1,152	2,910	4,382	4,849	9,231	Toys and games
5,344	1,313	6,657	14,623	5,493	20,116	Books and printed matter
140,698	42,407	183,105	130,713	68,767	199,480	Other merchandise

[1] Less than $500.

Trade with the United States by Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption from the United States, total	----------	----------	----------	----------	**163,184**	**151,886**	**552,472**	**767,275**
Meats, fresh, including frozen 1,000 lb	1,184	741	94,893	335	108	61	20,696	109
Milk, fresh or condensed do	----------	----------	77,207	61,071	-------	-------	9,849	15,263
Animal fats, other than fish, margarine and similar substances 1,000 lb	155	177	129,809	57,198	13	27	21,865	14,539
Hides, skins, and furs do	1,176	1,166	7,839	5,684	1,859	1,457	2,339	3,681
Fruit, fresh, dried, cut, preserved 1,000 lb	113,436	195,356	----------	----------	7,505	9,162	-------	-------
Oilseeds and fruits do	5,533	14,012	28,388	78,157	133	250	670	9,265
Cereals (grain and flour), including malt 1,000 lb	24,756	75,243	2,682,317	1,749,194	654	1,398	45,021	61,945
Rubber, natural or synthetic, and manufactures 1,000 lb	5,213	3,040	58,267	22,997	922	805	14,549	8,534
Tobacco, leaf do	18,927	20,402	29,163	13,623	2,520	2,757	3,556	5,294
Tobacco manufactures do	1,161	1,492	611	[1]	1,863	1,264	250	[1]
Cotton, raw and waste do	367,904	350,135	291,643	249,723	45,371	33,094	48,682	76,726
Wood, common long tons	31,583	18,642	76,303	37,967	1,537	1,081	3,541	3,372
Wood, manufactures do	1,229	5,070	37,364	5,811	212	251	3,579	935
Coal do	3,801	[1]	4,889,257	10,392,509	29	[1]	40,095	124,089
Mineral oils:								
Petroleum and other mineral oils long tons	1,463,993	2,595,253	1,037,864	866,884	28,555	44,877	35,318	26,143
Heavy oils, residues of petroleum long tons	174,577	178,548	770,737	498,127	7,400	5,678	28,925	14,986
Iron and steel do	14,422	3,857	404,530	232,422	1,439	375	19,639	17,354
Copper 1,000 lb	64,840	46,427	33,675	28,736	8,306	4,555	3,875	6,098
Sulfur and pyrites long tons	87,384	115,191	153,674	135,665	2,071	2,663	4,660	4,801
Machinery do	9,749	9,953	160,924	108,535	15,296	13,670	94,985	80,419
Machine parts do	3,423	2,368	4,548	19,395	2,937	2,418	3,328	13,468
Automobiles and parts do	11,105	8,922	32,515	9,315	5,676	4,695	15,401	7,639
Other land vehicles, parts, and accessories (including freight cars) long tons	----------	----------	19,029	434,366	-------	-------	3,569	105,074
Boats[2] do	----------	----------	7,391	553,693	-------	-------	613	46,307
Other merchandise	----------	----------	----------	----------	28,778	21,348	127,467	121,234
Exports of French products to the United States, total	----------	----------	----------	----------	**62,125**	**48,434**	**52,663**	**47,905**
Cheese 1,000 lb	3,942	3,660	[3]	1,115	1,019	729	[4]	695
Leather manufactures, natural or artificial 1,000 lb	420	344	97	54	2,307	1,584	1,476	866
Hides, skins and furs do	17,066	13,633	2,918	2,640	6,489	3,101	3,022	2,373
Hides and skins, prepared do	967	805	----------	----------	1,550	1,050	-------	-------
Furskins, dressed or made up do	55	58	----------	----------	162	175	-------	-------
Pure oils, fixed:								
Olive do	7,381	10,171	----------	----------	1,241	1,221	-------	-------
Other do	4,541	2,565	----------	1,136	301	164	-------	286
Brandy and spirits 1,000 gal	324	258	926	1,103	3,563	2,670	9,138	4,882
Liqueurs do	192	177	284	341	934	994	1,757	942
Wine do	1,716	1,301	4,321	1,797	5,492	3,387	11,156	4,302
Wool and wool waste 1,000 lb	15,780	4,645	76	498	4,385	1,006	85	499
Yarn:								
Flax, hemp, ramie do	----------	----------	410	134	-------	-------	317	106
Cotton do	328	407	75	104	341	343	146	261
Wool do	175	271	194	694	135	384	375	1,485
Silk, floss silk and rayon do	----------	----------	2,101	8,011	-------	-------	1,253	3,629
Fabrics:								
Cotton do	1,644	1,636	198	192	2,329	1,801	1,311	2,309
Wool do	943	736	343	290	882	672	1,030	1,057
Silk, floss silk and rayon do	10,665	11,691	286	248	3,709	3,312	2,451	2,891
Clothing and lingerie do	251	227	47	36	1,130	901	1,347	1,130
Rags do	51,485	25,225	----------	----------	1,049	554	-------	-------
Animal hair, combed or carded do	587	206	186	159	320	574	245	175
Paper, cardboard and manufactures 1,000 lb	20,745	[5] 27,840	[5] 258	17,803	4,443	[5] 5,822	[5] 152	1,714
Books, printed matter, engravings, etc. 1,000 lb	1,171	1,303	597	687	546	551	532	675

See footnotes at end of table.

Trade with the United States by Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports of French products to the United States—Continued								
Glass and glassware .... 1,000 lb..	1,004	1,050	649	550	440	376	1,500	1,194
Earthenware and porcelain ..... do....	725	836	191	523	240	204	195	533
Pearls	(3)	(3)	(1)	(1)	288	236	(1)	(1)
Precious stones	(3)	(3)	(3)	(3)	814	895	1,877	327
Iron and steel .... long tons..	24,733	19,642	....	....	642	712	....	....
Aluminum, ingots, beaten, drawn 1,000 lb..	25,614	7,276	....	....	374	1,045	....	....
Perfumery, including soap ..... do....	1,416	1,031	264	303	821	664	1,479	1,682
Volatile oils and vegetable essences, synthetic perfumes .... 1,000 lb..	659	593	453	300	2,043	1,687	3,284	2,589
Musical instruments .... do....	(3)	(3)	95	131	401	408	264	586
Articles for collection .... do....	300	(3)	204	124	1,021	779	267	359
Parcel post .... do....	465	480	89	177	1,029	813	304	708
Other merchandise	....	....	....	....	11,685	9,620	7,700	9,650

[1] Not reported.
[2] Includes Liberty ships.
[3] Reported in value only.
[4] Less than $500.
[5] Reported as paper only.

FINANCE

Government Revenues and Expenditures[1] (Billions of French Francs)

Period	Budgetary expenditures[2]	Occupation costs	Other extra-budgetary expenditures	Budgetary receipts	Various non-recurring receipts	Treasury deficit
1937	51	....	....	44	....	7
1938	98	....	17	71	31	13
1943	160	271	4	146	....	289
1946[3]	773	....	100	488	....	385
1947[3]	889	....	(4)	624	(4)	(4)

[1] The French budget situation is so involved, categories being changed from year to year, that a detailed tabular statement would have little significance. These figures give an indication of the over-all orders of magnitude involved.
[2] Includes "ordinary" and "extraordinary" budgets (civil and military), annexed budget, and the budgets of the *Caisse Autonome d'Amortissement*.
[3] Provisional figures.
[4] Not available.

Public Debt (Billions of Francs)

Item	December 31			
	1938	1945	1946	1947
Internal debt:				
Perpetual	54.6	181.9	181.9	182.1
Amortizable	169.9	327.1	354.7	348.5
Reimbursable by annuities	62.4	92.5	106.2	108.2
Medium and short term	90.7	746.0	798.6	813.5
Debt to the bank of issue	36.1	475.8	533.6	665.2
Total internal debt	413.7	1,823.3	1,975.0	2,117.6
External debt:				
Amortizable	1.7	8.4	7.9	6.8
Reimbursable by annuities			207.7	301.6
Medium and short term	5.1	.2	5.1	73.1
Total external debt	6.8	8.6	220.7	381.5
Grand total	420.5	1,831.9	2,195.7	2,499.1

Bank of France (Millions of Francs)

Dates	Asset items				Liability items	
	Gold reserve[1]	Discount portfolio	Open-market portfolio	Debt of the state to the Bank of France	Note circulation	Deposits and credit accounts
Aug. 31, 1939	97,266	16,736	3,930	36,043	142,359	21,341
Mar. 7, 1940	84,613	6,609	7,153	67,746	156,135	14,734
Dec. 30, 1943	84,598	7,572	9,518	436,554	500,386	44,440
Dec. 26, 1946	94,817	79,393	37,618	553,350	721,865	64,233
Dec. 31, 1947	55,172	117,826	67,294	710,442	920,830	81,055

[1] Up to December 26, 1945, the gold reserve was calculated on the basis of 21.006 milligrams of fine gold to the franc; thereafter on the basis of 7.4611 milligrams of fine gold.

Major Items From Combined Statement of French Banks [1] (Billions of Francs)

December 31—	Capital and reserves	Bill portfolio	Overdrafts	Sight deposits
1942	11.8	155.8	22.7	174.5
1943	14.6	191.3	22.2	192.8
1944	14.7	218.3	22.5	210.9
1945	16.6	310.9	53.5	367.8
1946	20.0	405.0	108.0	510.0
1947	(2)	444.2	107.2	662.7

[1] Excluding the Bank of France, the Crédit Foncier, the Crédit National, banks of issue in the oversea territories, Peoples Banks, and Savings Banks, but including French agencies of foreign banks.
[2] Not available.

Currency and exchange.—Currency unit, franc of 100 centimes. Circulating medium, principally Bank of France notes, largely issued as counterpart of advances to the Government.

The original (pre–1914) parity of the franc was $0.1929527. The 1928 stabilization fixed a parity of $0.039179, but with the reduction in value of the dollar in 1933 and 1934, the 1928 franc reached a parity of $0.0663 in terms of the new United States dollar. From October 1, 1936, the franc became a fluctuating unit, temporarily with limits between 49 and 43 milligrams of gold of 0.900 fine (representing value limits between $0.0496 and $0.0435); the onset of renewed weakness led to the removal of these limits and by June 1938 quotations had receded to about $0.0278. The average for the year was $0.0288.

From January 1939 until the outbreak of World War II the franc held steady at about $0.0265. Exchange control was instituted on September 10, with sterling and the dollar fixed at 176.62½ and 42.80 francs, respectively. In New York, however, where the franc was freely quoted, it reached a low of $0.0216. The average for the year was $0.0251. The rate weakened further to a low of $0.0173 during the invasion of northern France in May 1940.

Trading in French francs was suspended in New York on June 7, 1940, and was not resumed until late November of that year. From then until the severance of relations with the Vichy Government (November 1942), the franc was more or less nominally quoted at about $0.02288.

Following the Allied landings in French North African possessions in November 1942 and in the subsequent liberation of Metropolitan France, a rate of approximately $0.020 (or 50 francs to the dollar) was used by the American authorities. This rate was maintained until December 26, 1945, when the franc was again devalued, this time to a new parity of 119.107 francs to the dollar. This represented $0.00839583 or 0.00746113 gram of fine gold. This was the parity confirmed by the International Monetary Fund on December 19, 1946.

On January 26, 1948, a multiple-rate system was established and a further *de facto* devaluation of the franc in relation to other currencies was effected. The relation of the franc to gold, however, was not changed. The official rate used by the Exchange Stabilization Fund was set at U.S. $1 equal to 214.393 francs, or 1 franc equal to $0.004664331. At the same time a "free" market was created for trading in United States dollars and Portuguese escudos. The Swiss franc was included among the currencies traded on the "free" market

as of April 1, 1948. (This is a "free" market subject to the following limitations. The Government has absolute control over the demand side of the market and the utilization of funds purchased on the market. In addition, the Government exercises a certain degree of influence over supply. From the time of the institution of the multiple-rate system the French franc has had no par value approved by the International Monetary Fund.)

All transactions involving payments in currencies other than those traded on the "free" market were made either at the cross rate equivalent to 214.393 francs equal to US $1 or at the special rates provided for in payment agreements between France and other countries.

With regard to "free market" currencies various types of transactions were handled differently. Imports of certain prime-essential commodities were paid for at the official rate. All other imports (until April 1, 1948) and all "financial" transactions were settled at the "free" rate. After April 1 imports of commodities other than prime essentials were paid for at the midrate or average between the "free" and official rates. The foreign exchange proceeds of exports were acquired from exporters by the Government at the midrate.

On October 18, 1948, French foreign exchange regulations were again revised. All transactions in "non-free-market" currencies were conducted at a rate corresponding to the midrate for the United States dollar. For "free market" currencies all commercial settlements and payments for transport and insurance were made at the midrate. The previous special treatment for imports of prime-essential commodities was discontinued. All other payments involving transfers of "free-market" currencies continued to be handled at the "free" rate.

All exchange transactions are rigorously controlled by the French *Office des Changes* in order that disbursements of scarce foreign exchange reserves may be held to a minimum. Transactions with a number of countries with which France has negotiated payment agreements since Liberation are regulated by special procedures.

Average Exchange Rates of the French Franc

NOTE.— Figures represent noon buying rates for cable transfers, New York on Paris.

Year	Rate	Year	Rate	Year	Rate	Year	Rate	1948		
								Period	Official	"Free"
								Jan. 1-25[2]	$0.0084	....
1915	$0.1798	1923	$0.0608	1931	$0.0392	1939	$0.0251	Jan. 26[3]-Feb. 29	0.0047	$0.0033
1916	.1697	1924	.0524	1932	.0393	1940[1]	.0209	March	.0047	.0033
1917	.1730	1925	.0477	1933	.0503	1945[1]	.0197	April	.0047	.0033
1918	.1780	1926	.0324	1934	.0657	1946[2]	.0084	May	.0047	.0033
1919	.1368	1927	.0392	1935	.0660	1947[2]	.0084	June	.0047	.0033
1920	.0704	1928	.0392	1936	.0611	....	....	July	.0047	.0033
1921	.0746	1929	.0392	1937	.0405	....	....	Aug.	.0047	.0033
1922	.0820	1930	.0392	1938	.0288	....	....	Sept.	.0047	.0032
								Oct.	.0047	.0032

[1] Average of daily rates for that part of the year during which quotations were certified. (The franc was not quoted in New York between June 15, 1940, and August 1, 1945, quotations during occupation being only nominal.)

[2] During all of 1946 and 1947 and through January 25, 1948, a single official rate was in effect at $0.0084.

[3] Multiple rate system established January 26, 1948.

PRINCIPAL SOURCES

Annuaire Statistique (Statistical Yearbook).
Bulletin de la Statistique Générale de la France (monthly).
Bulletin Mensuel de Statistique Industrielle (monthly).
Tableau Général du Commerce Extérieur de la France (annual).
Statistique Mensuelle du Commerce Extérieur de la France (monthly).
Inventaire de la Situation Financière, 1913–1946.
Premiers Resultats du Recensement Général de la Population Effectué le 10 Mars 1946

FRENCH NORTH AFRICA

(See general explanatory note, p. vi)

ALGERIA

Area and population.—Total area, 851,310 square miles, of which 118,000 arable or pasture land. Population, 1947 (estimate), 8,971,000; 1936 census, 7,234,684. Population of territorial divisions, 1947 estimates with 1936 census data in parentheses: Constantine Department, 3,220,000 (2,727,766); Alger (Algiers) Department, 2,810,000 (2,240,911); Oran Department, 2,017,000 (1,623,356); former Southern Territories, 924,000 (642,651). Cities, total communal populations, 1947 estimates with 1936 census data in parentheses: Alger (Algiers), 535,000 (264,232); Oran, 250,000 (200,000); Constantine, 118,000 (113,777); Bône, 80,000 (86,332); Tlemcen, 67,000 (54,263); Sidi-bel-Abbes, 65,000 (54,754); Blida, 63,000 (44,043); Mostaganem, 49,000 (38,555); Mascara, 33,000 (33,522). School attendance, 1937: Elementary and secondary, 276,431; university, 2,258.

Agriculture.—Livestock numbers, 1947, with 1938 data in parentheses (thousands): Sheep, 2,910 (5,965); goats, 2,146 (2,736); cattle, 683 (789); asses, 282 (319); mules, 222 (182); horses, 189 (181); hogs, 890 (60); camels, 140 (170). Animals slaughtered in abattoirs, 1947, with 1938 data in parentheses (thousands): Sheep, 898 (1,350); goats, 140 (311); cattle, 147 (221); hogs, 56 (65). Quantities of fish debarked (metric tons): 1947, 22,724; 1946, 32,016; 1939, 21,372.

Crops (thousands of bushels except as specified): Wheat, 1947 (provisional), 20,429; 1946, 34,392; 1938, 34,943. Barley, 1947 (provisional), 15,322; 1946, 27,617; 1938, 26,960. Oats, 1947 (provisional), 4,575; 1946, 8,970; 1938, 10,885. Wine (gallons), 1947 (provisional), 232,813,021; 1946, 502,972,389; 1938, 567,965,500. Tobacco (thousands of pounds), 1947 (provisional), 28,660; 1946, 37,478; 1938, 16,094. Figs (thousands of pounds), 1947 (provisional), 204,807; 1946, 144,842; 1938, 143,740.

Mineral production (thousands of metric tons).—Phosphates: 1947, 707; 1946, 585; 1938, 584. Coal: 1947, 205; 1946, 215; 1938, 13. Iron ore: 1947, 1,556; 1946, 1,671; 1938, 3,034. Iron pyrites: 1947, 35; 1946, 40; 1938, 44. Zinc ore: 1947, 13; 1946, 9; 1938, 15. Lead ore: 1947, 1.9; 1946, 1.5; 1938, 7.6. Kieselguhr: 1947, 6.5; 1946, 6.9; 1938, 15.3. Fuller's earth: 1947, 16; 1946, 12; 1938, 40.

Electric power.—Production of electrical energy (thousands of kilowatt-hours): 1947, 407,400; 1946, 355,200; 1938, 288,000.

Transport.—Roads, 1947 (miles): Paved, 8,596; secondary, 19,365. Railway line (miles): End of 1947, 3,396, of which 1,743 standard gage and 1,647 narrow gage; end of 1937, 2,769. Number of passengers carried: 1947, 9,482,357; 1946, 7,598,352. Ton-miles of freight transported: 1947, 692,240,000; 1946, 749,408,000; 1938, 576,659,000. Passenger-miles carried: 1947, 493,205,180; 1946, 398,441,680; 1938, 292,617,260.

Foreign Trade.—Per capita trade, 1947: Imports, $42.50; exports, $33.15.

Value of Imports and Exports

Year	Millions of francs		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	3,973.3	3,442.5	261,046	226,172
1935	2,844.2	2,613.4	187,717	172,484
1936	3,233.8	3,469.3	197,585	211,974
1937	4,083.4	4,333.6	165,378	175,511
1938	4,995.2	5,638.8	143,862	162,397
1939	4,481.4	5,017.5	112,483	125,939
1940	3,884.2	5,079.6	88,560	115,815
1941	4,229.5	7,594.1	96,433	173,145
1942	4,543.0	6,859.2	103,580	156,390
1946	24,210.0	23,793.0	203,364	199,861
1947	45,390.5	35,392.0	381,280	297,293

Trade with Principal Countries (Thousands of Dollars)

Country	Imports			Exports		
	1938	1946	1947	1938	1946	1947
Total	**143, 862**	**203, 364**	**381, 280**	**162, 397**	**199, 861**	**297, 293**
United States	2, 390	52, 164	58, 766	2, 794	----------	1, 759
United Kingdom	3, 485	5, 847	4, 555	7, 718	----------	11, 424
France	108, 058	106, 058	243, 476	135, 561	172, 166	252, 596
French Morocco	7, 690	8, 736	10, 041	1, 210	----------	7, 443
Tunisia	2, 505	2, 209	4, 081	2, 880	13, 247	3, 431
Other French possessions	3, 917	19, 530	19, 467	2, 707	----------	8, 889
British colonies	778	----------	3, 238	78	----------	1, 458
Other countries	15, 039	8, 820	37, 656	9, 449	14, 448	10, 293
Percent of total:						
United States	1. 7	25. 6	15. 4	1. 7	----------	0. 6
United Kingdom	2. 4	2. 9	1. 2	4. 8	----------	3. 8
France	75. 1	52. 2	63. 9	83. 5	86. 1	85. 0
French Morocco	5. 3	4. 3	2. 6	. 7	----------	2. 5
Other countries	15. 5	15. 0	16. 9	9. 3	13. 9	8. 1

Imports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1938	1946	1947	1938	1946	1947
Total	----------	----------	----------	**143, 862**	**203, 364**	**381, 280**
Meat 1,000 lb	4, 189	5, 291	4, 630	487	3	3, 992
Dairy products do	17, 857	10, 141	20, 062	2, 920	3, 797	5, 918
Fish do	8, 818	18, 960	6, 393	559	1, 369	1, 181
Wheat 1,000 bu	1, 624	11, 471	3, 994	2, 267	14, 734	14, 456
Cereals, other 1,000 lb	105, 380	237, 215	32, 408	3, 905	7, 476	1, 526
Potatoes 1,000 bu	2, 124	1, 088	1, 881	1, 273	2, 948	5, 044
Vegetables, dried 1,000 lb	25, 132	22, 266	6, 834	850	1, 814	1, 204
Oilseeds and fruits do	20, 503	23, 810	44, 753	513	1, 126	4, 635
Peanut oil do	68, 122	37, 699	23, 589	3, 404	5, 418	5, 393
Coffee do	34, 612	30, 864	30, 423	2, 102	3, 553	6, 128
Tea do	3, 527	2, 866	2, 646	780	1, 579	1, 410
Sugar do	175, 486	137, 788	172, 841	5, 924	9, 425	23, 185
Cotton fabrics do	28, 880	7, 716	18, 078	11, 194	8, 492	27, 331
Wood, common 1,000 long tons	130	48	98	3, 361	2, 520	6, 796
Coal do	689	622	564	4, 012	8, 308	9, 602
Kerosene and gasoline 1,000 bbl	1, 344	1, 413	1, 188	3, 413	12, 264	17, 034
Petroleum products, other do	60	75	139	2, 025	6, 745	10, 398
Cement 1,000 long tons	173	15	56	1, 181	252	1, 060
Iron and steel bars do	45	18	37	1, 604	----------	4, 049
Automobiles and parts 1,000 lb	17, 416	23, 369	56, 438	5, 023	9, 862	23, 533
Fertilizer 1,000 long tons	72	5	27	1, 627	790	2, 054
Soap 1,000 lb	51, 367	10, 362	14, 109	1, 996	3, 200	1, 996
Other merchandise	----------	----------	----------	83, 442	97, 689	203, 355

Exports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1938	1946	1947	1938	1946	1947
Total	----------	----------	----------	**162, 397**	**199, 861**	**297, 293**
Fish 1,000 lb	12, 787	20, 062	9, 921	1, 192	2, 671	1, 835
Wheat 1,000 bu	3, 557	1, 360	158	5, 455	3, 024	450
Groats and semolina 1,000 lb	86, 641	6, 173	13, 228	469	454	1, 525
Cereals, other do	45, 194	441	18, 078	760	17	579
Vegetables, fresh do	134, 701	85, 098	88, 625	3, 326	3, 604	6, 346
Vegetables, dried do	37, 699	441	2, 646	948	50	377
Potatoes 1,000 bu	2, 848	441	1, 400	2, 966	1, 142	5, 241
Fruits, citrus 1,000 lb	132, 937	59, 965	158, 070	5, 046	3, 747	9, 573
Fruits, fresh, other do	51, 147	16, 975	22, 487	1, 414	1, 252	1, 954
Dates do	26, 235	36, 155	52, 469	1, 307	7, 678	12, 188

—Continued

Exports of Principal Commodities—Continued

Commodity	Quantity			Value (thousands of dollars)		
	1938	1946	1947	1938	1946	1947
Fruits, preserved .... 1,000 lb..	20, 723	7, 275	21, 385	1, 538	554	3, 668
Figs, dried .... do....	18, 519	13, 228	66, 578	804	3, 032	22, 262
Fruits, dried, other .... do....	882	882	3, 968	150	563	2, 092
Wine .... 1,000 gal..	441,116	265,696	202,555	76, 893	122, 304	151, 735
Grape juice, concentrated .... do....	29	124	206	46	2, 537	4, 892
Carob beans .... 1,000 lb..	29, 762	8, 818	35, 274	248	361	2, 916
Crin vegetal .... do....	49, 383	18, 519	16, 314	337	680	638
Esparto grass .... 1,000 long tons..	180	38	98	2, 154	1, 075	2, 907
Iron ore .... do....	2, 711	1, 510	1, 458	9, 124	6, 434	7, 297
Phosphate rock .... do....	478	502	610	1, 273	4, 049	5, 202
Other merchandise	---------	---------	---------	46, 947	34, 633	53, 616

PRINCIPAL SOURCES

Annuaire Statistique de l'Algérie.
Annuaire Statistique des Possessions Françaises, Edition Provisoire.
Répertoire Statistique des Communes de l'Algérie.
Renseignements Statistiques Agricoles, Annee 1946.
Bulletin de Statistique Générale .
Bulletin Mensuel de Statistique d'Outre-Mer, published by French Ministry of Overseas France and containing data on all French overseas territories.

MOROCCO

Area and population.—Area of French zone, 162,162 square miles. Population, 1946 census, 8,993,000 (Moslems 93.9 percent); 1936 census, 6,296,000 (Moslems 93.3 percent). Cities, 1946, with 1936 figures in parentheses: Casablanca, 505,000 (257,430); Marrakech, 241,000 (190,314); Fez, 221,000 (144,424); Rabat, 148,000 (83,379); Meknès, 153,000 (74,702); Oudjda, 86,000 (34,523); Salé, 52,000 (31,823); Saffi, 48,000 (25,159); Mazagan, 38,000 (24,391); Port Lyautey, 35,000 (17,601); Mogador, 32,000 (15,166). School enrollment: 1943, 92,570, of which 34,977 French, 31,237 Moslem, 17,626 Jewish, 8,730 others (mostly European); 1938, 83,915, of which 29,905 French, 23,878 Moslem, 18,984 Jewish, 11,148 others (mostly European).

Agriculture.—Area planted in barley, wheat, and corn (acres): 1947, 7,632,919; 1946, 6,150,319; 1943. 10,024,847; 1939, 9,535,589. Livestock numbers, 1947, with 1943 and 1938 data in parentheses (thousands): Sheep, 7,423 (12,895) (10,162); goats, 5,342 (8,088) (5,801); cattle, 1,325 (2,669) (1,912); asses, 532 (874) (632); horses, 154 (228) (192); mules, 139 (165) (143); hogs, 68 (146) (54). Quantities of fish caught (metric tons): 1947, 50,668; 1943, 21,505; 1939, 35,411.

Crops, 1947 estimates, with 1946 data in parentheses (thousands of bushels except as specified): Wheat, 19,933 (27,624); barley, 51,932 (39,187); oats, 2,225 (2,473); maize, 10,039 (8,594); sorghum, 2,390 (1,834); canary seed (thousands of pounds), 3,307 (5,071); millet, 337 (837). Wine production, 1947, 10,936,638 gallons.

Mineral production (thousands of metric tons).—Phosphate rock: 1947, 2,730; 1946, 2,780; 1938, 1,487. Coal: 1947, 269; 1946, 222; 1938, 141. Manganese ore: 1947, 104; 1946, 50; 1938, 80. Lead ore: 1947, 29.7; 1946, 15.3; 1938, 26.0. Zinc ore: 1947, 3.4; 1946, 3.0; 1938, 5.5. Iron ore: 1947, 154; 1946, 125; 1938, 262. Cobalt: 1947, 2.7; 1946, 1.7; 1938, 6.5. Rock salt: 1947, 37.2; 1946, 42.1; 1938, 19.2. Crude petroleum: 1947, 2.9; 1946, 2.6; 1938, 3.2.

Electric power.—Production of electricity, 1947, 327,994,703 kilowatt-hours; 1938, 145,000,000 kilowatt-hours.

Transportation.—Length of standard-gage rail line in operation (miles): 1947, 1,050, of which about 70 percent electrified; 1938, 1,122. Passenger-miles carried by railroads: 1947, 442,250,380; 1946, 428,766,000; 1938, 166,535,200. Ton-miles of freight transported by railroads: 1947, 614,813,160; 1946, 608,972,000. Ship cargo unloaded (metric tons): 1947, 1,306,800; 1946, 1,060,800; 1938, 1,004,400. Ship cargo loaded (metric tons): 1947, 3,612,500; 1946, 2,686,800; 1938, 2,472,000. Civilian air arrivals and departures: 1947, 61,750; 1946, 43,270. Air-transported freight arriving and departing (metric tons): 1947, 2,650; 1946, 785. Air-transported mail arriving and departing (metric tons): 1947, 443; 1946, 436.

Foreign trade.—Per capita trade, 1947: Imports, $30.50; exports, $16.75.

Value of Imports and Exports

Year	Millions of francs		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	1,319.7	667.4	86,704	43,848
1935	1,139.1	621.4	75,181	41,012
1936	1,150.5	781.5	70,296	47,750
1937	1,765.6	1,143.9	71,507	46,328
1938	2,184.9	1,512.4	62,925	43,557
1939	2,255.7	1,777.9	56,618	44,625
1940	2,141.9	2,020.8	48,835	46,074
1946	17,529.0	10,395.0	147,244	87,318
1947	33,319.0	18,308.6	279,880	153,792

Trade with Principal Countries (Thousands of Dollars)

Country	Imports			Exports		
	1938	1946	1947	1938	1946	1947
Total	**62,925**	**147,244**	**279,880**	**43,557**	**87,318**	**153,792**
United States	3,349	39,220	55,720	806	1,471	2,487
United Kingdom	1,619	3,365	6,076	3,015	6,796	10,880
France	21,116	68,111	156,271	19,500	49,239	97,788
Portugal	556	1,662	2,055	300	1,144	1,268
Spain	66	144	55	277	806	33
Algeria	349	6,716	7,855	5,452	11,201	13,802
Tunisia	69	259	300	219	950	1,717
French West Africa	46	6,667	9,340	829	1,750	2,851
Other French possessions	639	7,511	16,667	150	1,194	3,188
British colonies	2,739	5,238	4,008	976	3,079	3,324
Other countries	32,377	8,351	21,533	12,033	9,688	16,454
Percent of total:						
United States	5.3	26.6	19.9	1.9	1.7	1.6
United Kingdom	2.6	2.3	2.2	6.9	7.8	7.1
France	33.6	46.3	55.8	44.8	56.4	63.6
Other countries	58.5	24.8	22.1	46.4	34.1	27.7

Imports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1938	1946	1947	1938	1946	1947
Total				**62,925**	**147,244**	**279,880**
Dairy products ... 1,000 lb	9,700	7,716	9,259	1,048	1,816	2,593
Rice ... do	23,589	3,086	441	461	192	62
Wheat ... 1,000 bu	1,330	6,088	1,885	1,705	12,798	3,707
Peanut oil ... 1,000 lb	13,889	24,692	30,864	766	3,417	5,292
Coffee ... do	5,512	3,748	7,937	314	519	2,064
Tea ... do	20,282	7,496	7,275	3,419	5,753	5,217
Sugar ... do	408,292	136,023	207,453	8,133	6,230	17,420
Tobacco ... do	4,850	1,543	6,834	412	971	2,334
Fabrics, cotton ... do	29,542	11,684	18,298	6,336	7,524	28,174
Wood ... 1,000 long tons	41	75	103	950	2,073	6,278
Coal and lignite ... do	136	127	218	965	1,178	4,038
Petroleum and petroleum products ... do	160	179	399	5,947	5,758	16,081
Cement ... do	46	7	68	253	125	1,087
Iron and steel ... do	18	16	27	700	1,476	3,194
Agricultural machinery ... do	3	3	5	1,063	1,014	3,003
Automobiles ... number	1,790	3,780	11,213	965	5,717	18,124
Automobile parts ... long tons	886	1,575	4,920	567	1,564	2,965
Perfumery and soap ... 1,000 lb	2,425	1,543	1,764	331	1,301	1,342
Other merchandise				28,590	87,818	156,905

Exports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1938	1946	1947	1938	1946	1947
Total				**43,557**	**87,318**	**153,792**
Eggs..........1,000 lb	13,669		6,614	1,901		4,905
Fish, preserved..........do	30,423	14,771	22,486	2,604	3,491	8,008
Leather manufactures..........do	661	3,527	1,323	328	8,684	5,020
Oats and barley..........1,000 long tons	63	113	104	1,760	13	5,122
Wheat..........1,000 bu	4,185	761	66	5,651	1,463	184
Vegetables, dried..........1,000 lb	79,366	4,189	91,050	971	542	11,922
Vegetables, fresh..........do	60,847	55,335	75,177	1,647	3,292	4,717
Fruits, citrus..........do	30,644	41,667	73,634	636	3,075	6,059
Fruits, fresh, other..........do	9,039	6,173	39,683	55	447	3,555
Fruits, dried..........do	4,630	9,259	15,873	910	4,617	7,687
Wines..........1,000 gal	3,336	306	24	383	90	29
Oilve oil..........do	2,792		617	1,728		3,063
Crin vegetal..........1,000 lb	125,442	38,360	61,729	1,509	1,600	2,511
Carpets and blankets, wool..........do	220	882	220	138	5,020	624
Cork..........do	55,335	32,628	27,778	599	885	3,555
Esparto grass..........1,000 long tons	36	16	18	265	550	580
Iron ore..........do	132	93	176	207	203	362
Lead..........1,000 lb	47,399	49,824	42,328	743	1,780	2,234
Cobalt..........do	11,684	7,055	3,527	1,022	516	305
Manganese ore..........1,000 long tons	43	62	95	363	321	1,496
Phosphate rock..........do	1,410	2,338	3,125	8,257	21,236	30,056
Other merchandise				11,880	29,493	52,138

PRINCIPAL SOURCES

Annuaire de Statistique Générale du Maroc.
Annuaire Statistique des Possessions Françaises, Edition Provisoire.
Marchés Coloniaux du Monde, Special Issue, "Maroc 1948".
Bulletin Mensuel de Statistique d'Outre Mer, published by French Ministry of Overseas France and containing data on all French overseas territories.
Bulletin Economique et Social du Maroc.
Chambre de Commerce et d'Industrie de Casablanca, Bulletin.

TUNISIA

Area and population.—Area, 48,332 square miles. Population, 1946 census, 3,230,952 (Moslems 87.7 percent); 1936 census, 2,608,313 (Moslems 89.5 percent). Cities, 1946, with 1936 figures in parentheses: Tunis, 364,593 (219,578); Sfax, 54,637 (43,333); Bizerte, 39,327 (25,872); Sousse, 36,566 (28,465); Kairouan, 32,299 (22,991).

Education.—School enrollment, October 31, 1946, 130,031 (Moslems 57.3 percent); December 31, 1937, 96,520. Enrollment as of October 31, 1946: Public primary schools, 95,529; public secondary schools, 12,390; public advanced schools, 1,585; private schools, 20,527.

Agriculture.—Land under cultivation, 1946, 9,043,860 acres; 1937, 7,250,043 acres. Livestock, 1946, with 1937 in parentheses (thousands): Cattle, 401 (507); sheep, 2,783 (3,383); goats, 1,456 (1,672); horses, mules and asses, 289 (323); camels, 204 (145); hogs, 21 (29). Wool production (thousand pounds): 1947 (provisional), 7,900; 1944, 13,200; 1938, 9,200. Quantities of fish debarked (metric tons): 1947, 8,744; 1946, 8,873; 1938, 8,687.

Crops, 1947 estimates, with 1946 data in parentheses (thousands of bushels except as specified): Wheat, 10,204 (11,942); barley, 4,662 (7,165); wine (gallons), 15,189,775 (14,493,106); olive oil (gallons), 6,760,773 (2,057,627 estimated).

Mineral production (thousands of metric tons).—Phosphates: 1947, 1,744; 1946, 1,399; 1943, 335; 1938, 2,034. Iron ore: 1947, 399.4; 1946, 183.7; 1943, 29.7; 1938, 828.0. Lead ore: 1947, 19.7; 1946, 13.6; 1943, 3.6; 1938, 31.6. Zinc ore: 1947, 5.3; 1946, 3.1; 1943, 0.4; 1938, 1.4. Lignite: 1947, 76.4; 1946, 85.2; 1938, zero.

Electric power.—Power installed (kilowatts): 1947, 283,956; 1946, 389,388; 1938, 512,076. Production of thermal electricity (thousands of kilowatt-hours): 1947, 110,039; 1946, 96,650; 1938, 67,020.

Roads and motor vehicles.—Roads, 1947, 5,141 miles. Number of motor vehicles, December 1, 1946, with January 1, 1939, data in parentheses: Passenger cars, 5,385 (16,160); trucks, 2,550 (3,240); busses, 240 (182); motorcycles, 1,900 (1,770).

Railways.—Length of line (miles): 1946, 1,311.8; 1937, 1,306, of which 339 broad gage and 967 narrow gage. Number of passengers carried: 1946, 31,981,900 (including 18,788,000 carried by the T. G. M. electric railway); 1938, 13,936,500 (including 7,505,000 carried by the T. G. M. electric railway). Ton-miles of freight transported (excluding freight carried by T. G. M.): 1947, 469,840,540; 1946, 411,304,660; 1938, 478,478,000. Passenger-miles carried (excluding passengers carried by T. G. M.): 1947, 199,966,520; 1946, 223,331,160; 1938, 109,863,520.

Shipping.—Number of ships entering Tunisian ports: 1947, 1,523 (net tonnage 2,445,000 metric tons); 1946, 1,108 (net tonnage 2,055,000 metric tons); 1938, 3,659 (net tonnage 4,766,000 metric tons). Equal number of ships departed. Cargo unloaded (metric tons): 1946, 886,000; 1938, 900,000. Cargo loaded (metric tons): 1946, 2,148,000; 1938, 3,034,000. Passengers debarking: 1946, 36,830; 1938, 78,322. Passengers embarking: 1946, 38,912; 1938, 77,397.

Aerial transport.—Number of passengers arriving: 1947, 20,497; 1946, 10,468; 1938, 4,835. Number of passengers departing: 1947, 20,588; 1946, 10,157; 1938, 5,450. Freight received (metric tons): 1947, 614.6; 1946, 124.2; 1938, 18.0. Freight dispatched (metric tons): 1947, 433.0; 1946, 54.6; 1938, 3.6. Mail received (metric tons): 1947, 110.8; 1946, 107.6; 1938, 10.8. Mail dispatched (metric tons): 1947, 96.0; 1946, 115.2; 1938, 10.8.

Posts, telephones, and telegraphs.—Letters handled (thousands): 1946, 41,717; 1943, 10,920; 1940, 29,600. Parcels handled (thousands): 1946, 229.7; 1943, 12.5; 1938, 356.3. Telegrams received and sent (thousands): 1946, 1,086.4; 1943, 580.4; 1938, 1,116.6. Local telephone calls handled (thousands): 1946, 13,319; 1943, 2,126; 1938, 9,027. Domestic long-distance calls handled (thousands): 1946, 3,761; 1943, 188; 1938, 2,415. Foreign calls handled (thousands): 1946, 187; 1943, 41; 1938, 64. Number of telephone instruments in service: 1946, 17,618; 1943, 12,939; 1938, 13,700.

Foreign trade.—Per capita trade, 1947: Imports, $46.45; exports, $15.85.

Value of Imports and Exports

Year	Millions of francs		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	1,250.3	674.3	82,145	44,302
1935	1,034.2	772.3	68,257	50,972
1936	1,013.6	846.9	61,931	51,766
1937	1,324.3	1,140.9	53,634	46,246
1938	1,560.0	1,353.0	44,928	38,906
1946	10,523.0	4,022.0	88,393	33,785
1947	18,219.6	6,214.1	153,045	52,198

Trade with Principal Countries (Thousands of Dollars)

Country	Imports			Exports		
	1938	1946	1947	1938	1946	1947
Total	**44,928**	**88,393**	**153,045**	**38,966**	**33,785**	**52,198**
United States	1,610	22,782	30,520	2,010	595	235
United Kingdom	1,812	2,393	3,119	4,418	3,425	6,454
France	27,838	45,452	94,234	21,790	16,663	28,473
French Morocco	233	1,585	1,651	49	320	722
Algeria	1,834	3,292	3,391	1,829	2,344	5,106
Other French possessions	1,521	4,444	5,021	17	155	161
British colonies	962	2,308	2,425	106	97	163
Other countries	9,118	6,137	12,684	8,747	10,186	10,884
Percent of total:						
United States	3.4	25.8	19.9	5.2	1.8	0.5
United Kingdom	4.0	2.7	2.0	11.3	10.1	12.4
France	62.0	51.4	61.6	55.9	49.3	54.5
Algeria	4.1	3.7	2.2	4.6	6.9	9.8
Other countries	26.5	16.4	14.3	23.0	31.9	22.8

Imports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1938	1946	1947	1938	1946	1947
Total				**44,928**	**88,393**	153,046
Dairy products, 1,000 lb.	11,087	2,425	7,683	979	890	2,033
Wheat, hard and soft, 1,000 bu.		4,332	3,141		4,704	8,131
Vegetables, dried and meal, 1,000 lb.	5,183	10,401	1,219	173	672	294
Vegetables, fresh, salted or pickled, do.		578	3,679		109	714
Potatoes, 1,000 bu.	575	481	365	374	1,361	1,269
Peanut oil, 1,000 lb.	23,316	13,461	5,880	1,238	1,974	1,142
Coffee, do.	3,421	4,211	10,573	230	731	1,772
Tea, do.	4,612	3,951	4,561	1,210	1,562	2,310
Beverages, fermented, 1,000 gal.		199	203		286	336
Sugar, refined, 1,000 lb.	77,732	66,098	97,417	1,901	3,452	9,417
Volatile oils and medicinal herbs, do.		280	470		109	168
Tobacco, do.	2,778	5,397	5,390	374	1,445	1,672
Wood, common and fine, 1,000 long tons	36	46	43	778	2,335	3,150
Coal, do.	234	288	269	1,670	3,377	7,669
Petroleum and products, do.	105	92	163	2,333	2,444	6,182
Iron and steel, do.		19	26	1,238	1,924	3,679
Machinery and metal manufactures, do.		5	6		3,486	5,426
Automobiles and accessories, do.	6	2	6	1,757	1,840	4,469
Perfumery and soap, 1,000 lb.	9,586	2,467	6,265	346	714	1,159
Fertilizer, 1,000 long tons	10	8	4	173	168	185
Other merchandise				30,154	54,810	91,868

Exports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1938	1946	1947	1938	1946	1947
Total				**38,966**	**33,785**	52,198
Animals, live, 1,000 lb.	1,437	895	1,076	173	160	403
Oats, 1,000 bu.	547		56	317		84
Wheat, hard and soft, do.	3,020	947	602	4,752	1,445	1,907
Vegetables, dried and meal, 1,000 lb.	22,308	276	7,910	403	17	941
Vegetables, fresh, do.		6,036	9,433		344	958
Dates, do.	7,668	12,092	25,977	([1])	2,486	5,628
Fruits, citrus, do.	8,069	26,854	8,488	173	445	1,092
Fruits, fresh, other, do.		893	1,841		76	202
Raisins, do.		512	163		294	92
Almonds, shelled and unshelled, do.	1,052	1,567	1,151	173	773	1,773
Wine, ordinary, 1,000 gal.	30,886	157	2,252	4,378	59	1,394
Olive oil, do.	11,899	43	82	9,590	42	151
Carpets and blankets, wool, 1,000 lb.		176	723		689	882
Cork, do.	12,824	7,471	11,056	144	193	311
Esparto, wicker and cordage manufactures, do.		7,048	2,507		269	193
Esparto grass, 1,000 long tons	127	36	97	1,440	1,294	2,856
Pottery, 1,000 lb.		1,951	2,458		109	101
Salt, do.	206,243	38,058	89,225	115	92	151
Iron ore, 1,000 long tons	790	172	352	3,082	680	1,646
Lead, 1,000 lb.	45,223	14,195	21,936	1,699	1,420	3,394
Zinc, do.	2,304	6,294	15,542	([1])	126	428
Phosphate rock, 1,000 long tons	1,478	1,650	1,617	3,830	12,062	12,398
Sponges, 1,000 lb.	271	381	351	518	2,604	2,159
Other merchandise				8,179	8,106	13,054

[1] Reported in quantity only.

PRINCIPAL SOURCES

Statistique Générale de la Tunisie.
Annuaire Statistique de la Tunisie.
Bulletin du Service Tunisien des Statistiques.
Bulletin Mensuel de Statistique d'Outre-Mer, published by French Ministry of Overseas France and containing data on all French overseas territories.
Annuaire Statistique des Possessions Françaises, Edition Provisoire.

GERMANY

(See general explanatory note, p. vi)

NOTE ON DE FACTO TERRITORIAL SUBDIVISIONS AND BOUNDARIES AS OF DECEMBER 31, 1948

The Governments of the United States, United Kingdom, Union of Soviet Socialist Republics, and France announced on June 5, 1945, that the area within the 1937 frontiers of Germany would be divided into four zones of occupation. Under the Potsdam Agreement of August 2, 1945, the northern part of East Prussia, including the city of Koenigsberg, was turned over to Soviet Administration pending the final determination of territorial questions at the peace settlement. This area is not considered part of the Soviet Zone of Occupation. The Potsdam Agreement also provided that the remainder of the former German area east of the Oder-Neisse Rivers and the former free city of Danzig would be placed under Polish administration pending the final determination of Poland's western frontier. Postwar data for this area are reported by the Polish Government and will be found under the section on Poland.

Pursuant to a French law of November 15, 1947, and subsequent decrees and regulations, the economy of the Saar has been integrated with that of France. Unless otherwise noted, however, statistics reported below for the French Zone include the Saar.

Abbreviations used in the section on Germany: US—United States Zone of Occupation; UK—United Kingdom Zone of Occupation; F—French Zone of Occupation (including Saar Territory); USSR—Soviet Zone of Occupation; EON—Area of prewar Germany east of the Oder and Neisse Rivers. Unless otherwise specified, data referring to all of Germany cover the area within the 1937 boundaries. Separate data for Berlin are shown wherever possible.

AREA AND POPULATION

Area, in square miles.—Present area (including EON), 181,676 (by zones: US, 41,496; UK, 37,752; F, 16,491; USSR, 41,894; Berlin, 341; EON, 43,702); 1939 (including Memelland and Klaipeda district of Lithuania), 226,304; 1938 (including Austria and Sudetenland), 225,204; 1937, 181,677.

Population.—Census October 29, 1946 (excluding EON), prisoners of war, displaced persons, civilian internees under Army control in parentheses: Total, 65,911,180 (1,132,978); US, 17,174,367 (461,353); UK, 22,303,042 (405,669); F, 5,939,807 (62,469); USSR, 17,313,581 (193,936); Berlin, 3,180,383 (9,551). Census midyear 1939 (1937 boundaries): Total, 69,316,526; US, 14,196,865; UK, 19,893,174; F, 6,161,226; USSR, 15,475,954; Berlin, 4,338,756; EON, 9,251,451. Prior years (1937 boundaries): 1937, 68,072,000; 1933, 66,029,000; 1925, 63,180,649; 1919, 59,850,644; 1910, 58,450,808. Population US/UK Zones and US/UK Sectors of Berlin: January 1, 1948, 43,000,000.

Distribution of population, 1939 (1937 boundaries): Rural (including towns of less than 2,000 population), 20,900,000 (30.1 percent); urban, 48,400,000 (69.9 percent).

Principal cities (population).—Berlin, October 29, 1946, census, 3,180,383 (by sectors: US, 984,002; UK, 602,831; F, 422,110; USSR, 1,170,297; ship crews, 1,143). Earlier data for Berlin: 1933, 4,243,000; 1919, 3,803,770; 1910, 3,734,258. Leading cities, population, October 29, 1946, census, with January 1, 1943, official estimates in parentheses (in thousands):

Berlin	3,180	(4,339)
U. S. Zone		
Munich (Muenchen)	[1] 761	(841)
Frankfurt-on-Main	421	(555)
Stuttgart	414	(496)
Bremen	390	(424)
Nuremberg (Nuernberg)	[1] 322	(423)
Mannheim	212	(285)
Kassel	126	(216)
Karlsruhe	172	(190)
Augsburg	[1] 168	(185)
Wiesbaden	182	(170)
Darmstadt	----	(115)
Wesermuende	101	(113)
Wuerzburg	----	(108)
U. K. Zone		
Hamburg	1,384	(1,712)
Cologne (Koeln)	488	(722)
Essen	521	(667)
Dortmund	434	(542)
Duesseldorf	420	(541)
Hannover	355	(471)
U. K. Zone (continued)		
Duisburg	355	(455)
Wuppertal	325	(402)
Gelsenkirchen	271	(318)
Bochum	245	(305)
Kiel	213	(274)
Brunswick (Braunschweig)	181	(196)
Oberhausen	174	(192)
Krefeld-Uerdingen	149	(171)
Aachen (Aix-la-Chapelle)	111	(162)
Luebeck	224	(155)
Hagen	125	(152)
Muenster	----	(141)
Solingen	132	(140)
Muelheim-on-Ruhr	137	(138)
Bielefeld	133	(129)
Muenchen-Gladbach	110	(128)
Wilhelmshaven	----	(114)
Osnabrueck	----	(107)
Remscheid	----	(104)
Bonn	----	(101)
French Zone		
Ludwigshafen	----	(144)
French Zone (continued)		
Saarbruecken	----	(133)
Mainz	----	(127)
Freiburg	----	(110)
U.S.S.R. Zone		
Leipzig	----	(707)
Dresden	----	(630)
Chemnitz	----	(338)
Magdeburg	----	(337)
Halle	----	(220)
Erfurt	----	(166)
Potsdam	----	(136)
Rostock	----	(121)
Dessau	----	(119)
Plauen	----	(112)
Area east of Oder-Neisse rivers		
Breslau	----	(630)
Stettin	----	(383)
Koenigsberg	----	(372)
Hindenburg	----	(126)
Gleiwitz	----	(117)
Beuthen	----	(101)

[1] 1947

Education.—School enrollment, 1942: Elementary, 9,217,331; secondary, 717,266; intermediate, 362,089; universities and other higher education (1942–43), 63,636 (of which, universities, 50,845; technical colleges, 10,060; commercial colleges, 1,480; others, 1,251).

AGRICULTURE

Land distribution, 1946, by zones (thousand acres): Arable land, 33,545 (US, 8,893; UK, 9,078; F, 3,153; USSR, 12,421); forests, 23,683 (US, 8,688; UK, 4,484; F, 3,657; USSR, 6,854). Land distribution, 1935–38 averages (1937 boundaries), in thousands of acres, with percentage of total in each present zone in parentheses: Arable, 47,821 (US, 19.5; UK, 18.4; F, 7.1; USSR, 26.6; EON, 28.4); meadows and pastures, 21,095 (US, 25.7; UK, 29.3; F, 10.3; USSR, 16.2; EON, 18.5); trees, shrubs, orchards, 1,977 (US, 18.0; UK, 27.7; F, 13.8; USSR, 25 7; EON, 14.8); forests, 31,950 (US, 27.9; UK, 14.2; F, 12.2; USSR, 22.9; EON, 22.8).

Agricultural indebtedness (1937 boundaries), in millions of reichmarks (July 1): 1944, 10,000; 1943, 10,700; 1942, 11,500; 1938, 13,200.

Principal Crops: Area and Production

[Yearly averages and years]

Crop	Area (thousands of acres)				Production (thousands of units—bushels, except as indicated)			
	1934-38	1939-43	1946	1947	1934-38	1939-43	1946	1947
Wheat, total	5,335	4,625	----	----	179,160	156,304	----	----
US	1,500	1,391			45,268	40,307		
UK	897	694	2,105	1,678	35,384	29,137	48,942	34,429
F	437	395	351	[1] 301	12,419	11,243	7,790	----
USSR	1,564	1,327	----	----	57,099	50,265	----	----
EON	937	818	----	----	28,990	25,352	----	----
Rye, total	10,872	9,731	----	----	299,510	279,945	----	----
US	1,497	1,263			41,139	35,470		
UK	2,189	1,866	3,022	2,950	67,083	58,383	66,414	66,453
F	477	395	319	[1] 287	14,369	12,204	7,091	----
USSR	3,000	2,577	----	----	81,806	77,082	----	----
EON	3,709	3,630	----	----	95,113	96,806	----	----

See footnotes at end of table.

Principal Crops: Area and Production—Continued
[Yearly averages and years]

Crop	Area (thousands of acres)				Production (thousands of units—bushels, except as indicated)			
	1934-38	1939-43	1946	1947	1934-38	1939-43	1946	1947
Barley, total	4,217	3,773			164,334	104,810		
US	1,147	1,114	1,053	976	41,198	40,555	28,522	23,608
UK	543	447			24,251	19,612		
F	358	326	222		12,860	11,850	5,695	
USSR	1,134	964			47,307	24,342		
EON	1,035	922			38,718	8,451		
Oats, total	7,054	6,760			396,414	394,349		
US	1,376	1,305	2,503	2,580	69,169	68,825	102,789	94,178
UK	1,633	1,601			103,616	97,829		
F	494	469	371		24,595	24,940	14,674	
USSR	1,831	1,762			109,541	115,673		
EON	1,720	1,623			89,493	87,082		
Potatoes, total	7,053	6,845			1,763,570	1,727,966		
US	1,292	1,174	2,219	2,389	302,545	291,595	411,268	470,866
UK	1,060	1,038			280,131	285,055		
F	628	526	381		143,813	125,258	57,871	
USSR	1,955	1,910			502,061	505,221		
EON	2,118	2,197			535,020	520,837		
Sugar beets, total	1,026	1,310			[2] 12,862	[2] 16,082		
US	64	77	[3] 67	[3] 79	[2] 826	[2] 1,027	[2,3] 2,895	[2,3] 2,329
UK	220	282	[3] 227	[3] 259	[2] 2,920	[2] 3,749		
F	27	32	[3] 20	[3] 25	[2] 371	[2] 449		
USSR	460	576			[2] 5,467	[2] 7,075		
EON	255	343			[2] 3,278	[2] 3,782		
Beet sugar, total					[2,4,5] 1,828	[2,5,6] 1,875		
US					[2,7] 101	[2,8] 108	[3] 85	[2,3] 57
UK					[2,7] 340	[2,8] 388	[2,3] 305	[2,3] 253
Fodder beets, total	2,085	2,269			[2] 37,006	[2] 39,272		
US	613	633		1,500	[2] 9,710	[2] 9,898		
UK	442	514			[2] 8,436	[2] 10,045		
F	217	200			[2] 3,715	[2] 3,296		
USSR	442	472			[2] 7,908	[2] 8,398		
EON	371	450			[2] 7,237	7,635		
Hay, clover and luzerne, total	18,599	18,344			[2] 34,998	[2] 32,780		
US	5,997	6,014			[2] 12,182	[2] 11,738		
UK	3,047	2,955			[2] 5,519	[2] 4,918		
F	2,288	2,372			[2] 4,645	[2] 4,475		
USSR	3,558	3,153			[2] 6,188	[2] 5,491		
EON	3,709	3,850			[2] 6,464	[2] 6,158		
Hops, total	24	17			[9] 20,062	[9,10] 20,944		
US		15						
UK								
F		2						
Tobacco, total	32	[11] 31			[9] 74,075	[9] 75,618		
US		[11] 14		11	[9,12] 36,376			[9] 12,346
UK							[9] 15,432	[3,9] 28,660
F		[11] 12	8					
USSR		[11] 3						
EON		[11] 2						
Grapevines, total	[13] 180	[13,14] 167			[15] 90,769	[14,15] 50,615		
US		[13,14] 42				[14,15] 9,642		
UK						[14,15] 53		
F		[13,14] 124	[13] 104	[13] 99		[14,15] 40,788	[15] 25,572	[15] 23,987
USSR		[13,14] 1				106		
EON						[14,15] 26		

[1] Winter grains, sown area, fall 1947, Saar excluded.
[2] Unit, metric ton.
[3] Season ending following year.
[4] 1934-37 average.
[5] Total for all of Germany.
[6] October 1943–September 1944.
[7] 1938-39 season.
[8] 1942-43 season.
[9] Unit, pound.
[10] 1940.
[11] 1940-44 average.
[12] Estimated.
[13] Total grape-bearing area, mostly for wine.
[14] 1939-44 average.
[15] Unit, gallon of wine.

Livestock (Thousands)

Kind	1937	1943	1946	1947
Cattle, total	20,504	19,598	----	----
US	5,520	5,309	9,523	8,607
UK	5,071	4,889		
F	2,085	1,911	1,663	1,662
USSR	3,723	3,554	----	----
EON	4,105	3,935	----	----
Hogs, total	23,898	16,549	----	----
US	4,176	3,071	5,711	4,918
UK	6,428	4,668		
F	1,588	1,251	766	596
USSR	6,103	4,038	----	----
EON	5,603	3,521	----	----
Sheep, total	4,693	5,671	----	----
US	991	1,195	2,040	2,111
UK	835	1,133		
F	233	335	210	262
USSR	1,708	1,813	----	----
EON	926	1,195	----	----
Goats, total	2,630	2,331	----	----
US	635	511	890	960
UK	513	390		
F	334	274	217	285
USSR	701	737	----	----
EON	447	419	----	----
Horses, total	3,434	3,142	----	----
US	512	437	1,419	1,437
UK	871	834		
F	185	151	137	141
USSR	828	727	----	----
EON	1,038	993	----	----

FORESTRY

Volume of felling timber and firewood, respectively (million cubic feet): 1946–47, total all four occupation zones, 838 (US, 247; UK, 122; F, 223; USSR, 246), and 716 (US, 269; UK, 168; F, 84; USSR, 195); 1936, all Germany, 767 and 367

MINING AND MANUFACTURING

Unemployment.—Registered unemployment at employment exchanges (thousands): End of September 1947, total, all zones, 1,008 (US, 267; UK, 221; F, 23; USSR, 385; Berlin, 112); June and January 1940 (including Austria and Sudetenland), 39 and 257, respectively. Earlier data (1937 boundaries): July 1939, 38; annual averages, 1938, 429; 1937, 912; 1936, 1,593.

Industrial production index for US/UK Zones (1936 = 100).—Annual averages, 1946, 34; 1947, 40; January 1948, 47; September 1948, 72.

Mineral and Industrial Production

Product		1931-35 average	1938	1943	1946	1947
Coal, total	1,000 metric tons	120,263	186,178	190,495	----	----
US	do	----	22	26	18	10
UK	do	----	137,027	137,359	53,970	71,115
F	do	----	14,389	16,157	7,887	11,382
USSR	do	----	3,450	2,859	2,517	2,754
EON	do	----	31,290	34,094	----	----
Lignite, total	do	133,416	192,686	250,761	----	----
US	do	----	68,616	----	3,420	4,029
UK	do	----		----	47,835	54,822
USSR	do	----	----	----	108,624	101,691
Coke, total	do	23,518	43,514	47,804	----	----
UK	do	----	36,752	39,755	19,041	13,238
F	do	----	3,107	3,504	673	[1] 1,699
USSR	do	----	280	227	----	----
EON	do	----	3,375	4,318	----	----

See footnotes at end of table.

Mineral and Industrial Production—Continued

Product		1931–35 average	1938	1943	1946	1947
Briquets, coal	1,000 metric tons	5,112	6,897	6,137	[2] 1,902	[2] 2,176
Briquets, lignite	do	31,292	44,007	60,926	[2] 10,787	[2] 11,840
Iron ore	do	3,388	11,147	10,763	[2] 3,327	[2] 3,582
Lead[3]	metric tons	55,699	[4] 78,900	----------	[2] [5] 8,673	[2] 14,756
Copper[3]	do	28,674	28,500	21,600	[2] [5] 235	[2] 239
Potash (K_2O), total	1,000 metric tons	1,042	1,450	1,636	955	----------
US	do	----------	176	244	73	322
UK	do	----------	380	328	214	
F	do	----------	64	55	9	----------
USSR	do	----------	830	1,009	659	----------
Pig iron, total	do	7,369	18,513	13,704	----------	----------
US	do	----------	----------	----------	206	} 2,263
UK	do	----------	----------	----------	1,874	
F	do	----------	----------	----------	246	658
USSR	do	----------	----------	----------	125	----------
EON	do	----------	----------	----------	----------	----------
Crude steel, total	do	9,819	23,300	20,758	----------	----------
US	do	----------	----------	----------	158	} 2,945
UK	do	----------	----------	----------	2,221	
F	do	----------	----------	----------	301	753
USSR	do	----------	----------	----------	169	----------
EON	do	----------	----------	----------	----------	----------
Rolling-mill products, total	do	7,758	16,400	11,591	----------	----------
US	do	----------	----------	----------	} 1,938	2,102
UK	do	----------	----------	----------		
F	do	----------	----------	----------	268	597
USSR	do	----------	320	----------	121	----------
EON	do	----------	----------	----------	----------	----------
Rayon[6]	1,000 lb	91,747	485,000	884,000	[2] 49,456	[2] 56,200
Cotton, net imports[7]	million lb	876	659	21	----------	----------
Vessels launched	gross tons	105,401	474,200	[8] 300,106	----------	----------
Automotive vehicles (including chassis):						
Passenger cars	number	[9] 122,003	276,592	34,478	[2] 9,937	[2] 9,341
Trucks and busses	do	[9] 22,237	64,127	92,959	[2] 11,206	[2] 12,551
Motorcycles	do	[9] 70,690	204,934	37,700	[2] 2,947	[2] 4,235

1 January-November.
2 US/UK Zones only.
3 Metal content of ore.
4 1937.
5 July-December.
6 Including other artificial fibers.
7 Includes linters.
8 1939.
9 1932-35 average.

Summary of First National Census of German Industry, 1936

Industry group	Number of persons employed (thousands)	Wages and salaries (millions of reichs-marks)	Value added by manufacture (millions of reichsmarks)						
			Total	US	UK	F	USSR	EON	Berlin
Total	**7,950**	**13,262**	**34,186**	**6,106**	**11,798**	**2,782**	**8,319**	**2,197**	**2,984**
Mining	566	1,219	2,235	66	1,344	151	443	231	------
Fuel	35	76	246	13	141	7	76	6	2
Iron and steel works	202	493	1,174	29	870	180	68	24	3
Nonferrous metals	75	175	536	70	210	38	161	8	49
Foundry products	174	338	711	137	304	67	149	29	25
Iron and steel products	440	770	1,790	204	1,044	116	305	42	79
Machinery	557	1,189	2,615	514	788	191	743	72	307
Iron and steel constructions	146	312	558	43	380	19	50	36	30
Vehicles	167	369	836	328	178	56	195	15	64
Electrical equipment	294	665	1,503	308	228	42	180	18	727
Optical and precision instruments	97	187	368	75	44	62	113	5	69
Metalware and allied products	223	340	771	217	160	47	264	11	72
Stones and earths	406	571	1,231	250	372	152	289	149	19
Ceramics and glass	161	239	493	95	118	38	183	46	13
Lumber	107	134	316	79	63	43	73	54	4
Woodworking	256	357	721	144	221	68	174	61	53
Chemicals	266	635	2,276	449	777	250	622	34	144
Rubber and asbestos	57	118	270	58	137	7	37	3	28
Pulp and paper	100	180	462	92	85	44	152	89	------
Paper products and printing	284	534	1,001	188	253	52	265	43	200
Leather	196	292	647	209	118	136	133	25	26
Textiles	912	1,221	2,840	482	840	259	1,035	180	44
Clothing	230	298	754	115	141	34	133	67	264
Oils, fats, fodder, animal glues	38	83	403	42	288	10	40	14	9
Alcohol	29	45	229	22	74	16	44	54	19
Food processing and stimulants	550	804	2,962	563	977	265	718	206	233
Electricity and gas	164	425	1,972	373	583	141	446	168	261
Building and other industries	1,220	1,192	4,267	941	1,060	291	1,228	507	240

TRANSPORTATION AND COMMUNICATION

Railroads.—Before the war largely owned and operated by the German Railways (Deutsche Reichsbahn). In 1938 the Government railroads of Austria, the lines in Sudetenland, and 3 formerly private railways in the Old Reich were taken over by the Reichsbahn. Since the end of the war, operation of the railroads in each occupation zone has been under the control of the commander of that zone.

State Railways

Item	1937	1938 [1]	1946			1947	
			US	UK	F	US/UK	F
Length of line........miles..	33, 880	36, 107	8, 106	7, 441	3, 860	15, 970	3,316
Locomotives........number..	20, 166	21, 278	7, 209	7, 107	2, 083	[2] 14, 865	[2] 2,080
Electric locomotives........do....	543	571				450	
Passenger cars........do....	60, 629	63, 093	11, 304	12, 686	[3] 4, 459	[2] 25, 522	[2] [3] 4,247
Freight cars........do....	593, 088	617, 979	327, 716		49, 921	[2] 320, 834	[2] 37,630
Freight-train-miles........thousands..	178, 200	195, 193	23, 974				8,017
Passengers carried........millions..	1, 808	1, 976	501	612	177	[4] 1, 386	211
Passenger-miles........do....	31, 128	34, 875			3, 965		4,333
Freight carried...1,000 metric tons..	499, 047	520, 012	26, 448	90, 545		[4] [5] 138, 217	
Metric ton-miles........millions..	49, 559	55, 009	15, 212			[4] 48, 823	
Gross receipts[6]........million marks..	4, 420	4, 815	1, 376	1, 767	[7] 308	3, 962	400
Passenger service........do....	1, 186	1, 333	988	1, 170	[7] 223	2, 849	279
Freight service........do....	2, 939	3, 153	336	[6] 597	[7] 70	960	101

[1] Including Sudetenland.
[2] Serviceable, 1947: Locomotives, US/UK, 6,455; F, 1,273; passenger cars, US/UK, 15,695; F, 2,813; freight cars, US/UK, 237,570; F, 31,700.
[3] Including baggage cars.
[4] February-December.
[5] Excluding livestock (monthly average 176,300 head).
[6] Including miscellaneous receipts not shown separately.
[7] April-December.

Civil aviation.—Law No. 43 of December 20, 1946, of the Allied Control Council prohibits the manufacture, import, export, transportation, or storage of all aircraft. Data for 1939 (1938 data in parentheses): Miles flown, 9,942,400 (12,987,260); passengers carried, 275,500 (313,300); pounds of freight and baggage, 9,398,000 (11,318,000); pounds of mail, 13,192,000 (12,088,000).

Water transportation.—Law No. 43 of December 20, 1946, of the Allied Control Council prohibits the manufacture, import, export, transportation, or storage of all German ships having characteristics exceeding those required for normal peacetime uses. Allied Control Council Directives now in effect limit German shipping to inland waterway craft, coastal vessels having a maximum gross registered tonnage of 1,500, fishing vessels, and pleasure craft.

Inland water transportation.—Inland waterways, 4,756 miles in 1937, of which canals 1,140 miles. Traffic, 1937, 18,139 million metric ton-miles; 1936, 16,112 million metric ton-miles. Number of vessels and barges beginning of 1940, 17,735 (17,757 in 1939); total tonnage, 6,525,000 (6,468,568 in 1939).

Entrances of Vessels in Foreign Trade

Item	1932	1933	1934	1935	1936	1937	1938	1939
Number of vessels........	30, 902	29, 630	29, 181	28, 377	30, 352	34, 459	33, 915	28, 586
Capacity (1,000 net registered tons)........	26, 441	28, 803	29, 255	28, 409	29, 979	32, 982	34, 879	26, 775
With cargo........	24, 264	24, 518	26, 972	25, 750	26, 996	29, 759	31, 879	24, 411

Merchant Marine (Vessels of 100 Tons or Over) Years Ended June 30

Item	1934	1935	1936	1937	1938	1939	1947
Number of vessels........	2, 043	2, 080	2, 085	2, 191	2, 328	2, 466	1, 323
Capacity (gross tons)........	3, 690, 990	3, 703, 662	3, 718, 417	3, 937, 241	4, 243, 835	4, 492, 708	598, 252
Steam or other power........	3, 680, 353	3, 693, 298	3, 708, 202	3, 927, 916	4, 231, 657	4, 482, 662	591, 442
Sailing........	10, 637	10, 364	10, 215	9, 325	12, 178	10, 046	6, 810

Statistics of Posts, Telegraphs, and Telephones (Government)
[Fiscal years ending March 31 of the following year]

Item	1936	1937	1938[1]	1946[2]	1947[2]
Postal service:					
Number of offices	64,319	64,766			20,000
Pieces of mail[3] ....millions	6,439	6,822	7,932	2,568	3,336
Gross receipts ....million reichsmarks	1,031	1,061	1,240		917
Telegraphs:					
Number of messages ....thousands	17,156	16,883		26,316	38,724
Gross receipts ....1,000 reichsmarks	36,000	36,000	48,800		140,000
Telephones:					
Length of wire[4] ....1,000 miles	16,674	17,558	18,961		
Number of instruments ....thousands	3,431	3,624	3,787	1,322	1,544
Gross receipts ....1,000 reichsmarks	652,500	693,100	812,800		635,000

[1] Including Austria and Sudetenland.
[2] US/UK Zones.
[3] Letter post.
[4] Includes wire and cable used interchangeably for telegraph and long-distance telephones.

FOREIGN TRADE: BIZONE

No detailed postwar foreign trade statistics prior to 1948 are available. The figures given below for the Bizone, while not complete, may be useful.

Bizone: Value of Foreign Trade, 1948
[Monthly values in million Deutsche marks (West)]

Month	Imports	Exports	Month	Imports	Exports
January	116.3	43.0	August	331.4	223.5
February	145.1	67.7	September	364.2	205.8
March	148.2	77.4	October	218.3	216.5
April	204.6	97.3	November	302.7	225.8
May	226.4	89.6	December	485.5	290.2
June	330.1	109.6	January-December	3,163.8	1,816.9
July	290.9	170.5			

Bizone: Percentage Distribution of Foreign Trade by Country, 1948

Country	Imports	Exports	Country	Imports	Exports
Total, all countries	**100.0**	**100.0**	ERP countries—continued		
United States	49.7	5.6	Turkey	.9	.5
ERP countries, total	25.0	81.3	Portugal	.2	.2
Belgium and Luxembourg	2.5	14.5	Ireland	.1	.1
France	.4	12.3	Iceland	1.1	
Saar Territory	1.1	.6	Czechoslovakia	.9	1.0
Netherlands	3.8	12.3	Finland	.2	1.1
United Kingdom	4.1	14.1	Hungary	.4	.4
Austria	1.0	6.7	Nigeria	.2	1.3
Switzerland	1.0	7.0	Gold Coast		.9
Italy	2.1	3.8	Union of South Africa	1.2	1.0
Sweden	3.0	4.1	India and Pakistan	1.0	.9
Denmark	1.5	2.9	Australia	1.4	.5
Norway	2.0	1.5	All other countries	20.0	6.0
Greece	.2	.7			

Bizone: Trade by Commodity Groups, 1948
[Quantity in metric tons; value in thousands of dollars]

Commodity group	Imports		Exports	
	Quantity	Value	Quantity	Value
Total, all groups	------------	**1,314,501**	------------	**592,04**
Foodstuffs, beverages and tobacco, total	69,818	913,372	21,766	11,64
Live animals	[1] 2	162	[1] 3,191	58
Foodstuffs of animal origin	436,402	154,946	82	5
Foodstuffs of vegetable origin	6,528,163	740,491	12,114	1,31
Beverages; tobacco and manufactures	17,253	17,773	6,379	9,68
Industrial commodities, total	9,812,591	401,129	[2] 21,820,135	580,39
Raw materials	7,335,057	219,427	13,256,271	183,26
Semimanufactures	2,242,164	135,159	8,199,861	189,98
Manufactures	235,370	46,543	[2] 364,003	207,149
Manufactures other than advanced	220,648	27,426	261,207	106,22
Advanced manufactures	14,722	19,117	[2] 102,796	100,925

[1] Does not include horses.
[2] Does not include 13 vessels.

Exports to the United States

NOTE.—Figures shown for 1936 and 1937 represent exports from the German Reich; those for 1948, exports from the area administered by the Bizone Economic Administration.

Commodity group	Quantity (metric quintals[1])			Value (thousands of reichsmarks or DM (West))				
				1936		1937	1948	
	1936	1937	1948	Value	Percent		Value	Percent
Total	--------	--------	--------	**172,001**	**100.0**	**208,833**	**[2] 101,776**	**100.0**
Foodstuffs, beverages and tobacco[3]	248,088	505,223	24,143	11,023	6.4	22,451	17,374	17.1
Live animals[4]	233	167	1	867	.5	1,055	25	.0
Foodstuffs of animal origin	12,635	16,630	11	903	.5	982	31	.0
Foodstuffs of vegetable origin	183,440	422,695	455	5,117	3.0	15,746	316	.3
Vegetable oils and fats	21,140	350,085	--------	564	.3	12,674	--------	--------
Seeds, except oilseeds	28,222	26,776	59	1,942	1.1	1,031	58	.1
Other vegetable foodstuffs	25,217	21,161	396	1,731	1.0	1,599	258	.3
Beverages and tobacco	51,780	65,731	23,676	4,136	2.4	4,668	17,002	16.7
Industrial commodities[5]	8,845,430	10,829,705	2,936,141	160,978	93.6	186,343	84,402	82.9
Raw materials	1,994,934	2,457,795	88,263	8,740	5.1	8,904	863	.8
Crude potash salts[6]	592,565	991,822	54,111	1,127	.7	2,019	230	.2
Other stones and earths[7]	326,087	340,491	20,861	1,674	1.0	1,805	175	.2
Other raw materials, except waste	453,672	484,756	3,337	1,468	.9	1,618	59	.1
Other raw materials for the chemical industry	422,061	463,623	9,580	848	.5	1,059	127	.1
Gums and resins, copal, shellac	7,595	10,520	173	739	.4	1,017	95	.1
Fur skins	1,717	52	13	1,205	.7	466	96	.1
Semimanufactures	4,041,070	5,393,239	2,748,155	31,342	18.2	40,266	36,951	36.3
Potassium chloride, potassium sulfate, potash magnesia[6]	1,730,616	3,251,016	129,080	9,328	5.4	18,371	2,160	2.1
Wood pulp, mechanical and chemical	703,843	687,797	--------	6,929	4.0	7,024	--------	--------
Nitrogenous fertilizers	271,715	234,047	--------	3,976	2.3	3,857	--------	--------
Coal-tar products	119,480	337,192	201,117	951	.6	2,903	2,915	2.9
Paraffin, stearin, waxes	28,965	29,542	280	1,927	1.1	1,906	139	.1
Iron and steel scrap	--------	--------	2,343,210	--------	--------	--------	20,853	20.5
Pig iron	50,977	--------	37,349	292	.2	--------	847	.8
Synthetic silk, including twisted	20	49	15,223	12	.0	28	9,122	9.0
Other chemical semi-manufactures	78,468	60,544	499	1,923	1.1	1,668	77	.1
Other inedible fats and oils	24,667	37,175	--------	696	.4	1,031	--------	--------
Fuels and lubricants	42,319	22,583	--------	1,758	1.0	859	--------	--------
Manufactures	2,809,426	2,978,671	99,723	120,896	70.3	137,173	46,588	45.8
Manufactures other than advanced	2,219,229	2,443,723	57,283	50,058	29.1	54,230	13,244	13.0
Other chemical products	1,407,163	1,700,486	41,004	19,058	11.1	19,462	4,617	4.5
Coal-tar dyes	6,418	6,990	977	5,570	3.2	5,836	1,406	1.4
Iron and steel tubular products	260,810	368,397	8,590	5,040	2.9	7,858	725	.7

See footnotes at end of table.

Exports to the United States—Continued

NOTE.—Figures shown for 1936 and 1937 represent exports from the German Reich; these for 1948, exports from the area administered by the Bizone Economic Administration.

Commodity group	Quantity (metric quintals[1])			Value (thousands of reichsmarks or DM (West))				
	1936	1937	1948	1936		1937	1948	
				Value	Percent		Value	Percent
Industrial Commodities—Cont.								
Manufactures—Continued								
Paper and cardboard	114, 905	147, 238	187	2, 372	1. 4	3, 611	47	. 0
Leather	2, 702	414	87	3, 806	2. 2	992	356	. 3
Glue and gelatin	11, 019	8, 294	338	2, 003	1. 2	2, 311	93	. 1
Furs, dressed	733	1, 053	1	184	. 1	2, 779	8	. 0
Fabrics, cotton	1, 661	1, 405	2, 296	859	. 5	835	4, 407	4. 3
Fabrics, linen, hemp, jute, etc.	21, 928	34, 393	--------	1, 592	. 9	2, 265	--------	-------
Fabrics, silk and synthetic silk	349	98	217	388	. 2	136	468	. 5
Advanced manufactures	590, 197	534, 948	42, 442	70, 838	41. 2	82, 943	33, 344	32. 8
Total machinery	47, 908	65, 334	16, 581	10, 450	6. 1	14, 478	2, 622	2. 6
Textile and leather-working machinery	13, 006	24, 201	108	3, 198	1. 9	5, 185	108	. 1
Machine tools	10, 764	10, 287	749	1, 629	. 9	1, 946	314	. 3
Paper and printing machinery	4, 999	5, 751	1, 943	1, 212	. 7	1, 738	771	. 8
Food, beverage and tobacco machinery	3, 619	4, 695	44	676	. 4	913	7	. 0
Pumping equipment and pneumatic tools	881	2, 270	26	228	. 1	542	29	. 0
Transporting and conveying machinery	504	1, 504	--------	74	. 0	177	--------	-------
Office appliances	167	361	4	223	. 1	337	11	. 0
Steam locomotives	12	--------	--------	4	. 0	--------	--------	-------
Agricultural machinery	2, 408	3, 549	29	338	. 2	465	43	. 0
Other machinery	9, 846	10, 568	637	2, 568	1. 5	2, 724	537	. 5
Engines and other prime movers	1, 702	2, 148	13, 041	300	. 2	451	802	. 8
Precision and optical apparatus and instruments	4, 004	5, 558	709	9, 776	5. 7	14, 161	9, 812	9. 6
Other iron and steel manufactures	396, 940	287, 204	1, 728	9, 386	5. 5	7, 619	335	. 3
Toys, Christmas tree decorations	27, 332	28, 299	4, 790	4, 717	2. 7	5, 101	4, 520	4. 4
Paper manufactures	26, 372	22, 484	62	4, 318	2. 5	4, 723	19	. 0
Books, maps, sheet music, pictures	5, 813	6, 153	283	3, 115	1. 8	3, 129	672	. 7
Musical instruments	9, 369	10, 700	5	3, 940	2. 3	4, 309	23	. 0
Motor vehicles and aircraft	16, 316	56, 364	137	1, 450	. 8	3, 285	76	. 1
Electrical apparatus and machinery	4, 460	6, 163	29	2, 321	1. 3	2, 526	83	. 1
China, porcelain, earthenware and stoneware	10, 829	10, 537	15, 311	1, 910	1. 1	2, 220	10, 696	10. 5
Wood manufactures	2, 828	2, 227	321	908	. 5	1, 036	170	. 2
Glassware	4, 663	5, 084	678	1, 512	. 9	1, 706	584	. 6
Cutlery	1, 508	1, 280	194	1, 318	. 8	1, 432	1, 043	1. 0
Copper, brass and bronze manufactures	2, 098	2, 304	30	1, 427	. 8	1, 513	94	. 1
Pharmaceuticals	1, 316	940	843	1, 498	. 9	1, 929	940	. 9
Cotton knit goods	940	392	1	1, 945	1. 1	718	3	. 0
Other leather manufactures	397	296	98	1, 607	. 9	1, 406	933	. 9
Returned goods	--------	37	--------	--------	--------	39	--------	-------

[1] One metric quintal equals 220.46 pounds.
[2] Value equivelant to $25,974,000, according to the official foreign trade statistics.
[3] Does not include horses.
[4] Comprises live animals other than for slaughter.
[5] Does not include watercraft but includes floating docks.
[6] Exports include contractual deliveries for the account of foreign members of the Potash Cartel.
[7] Does not include raw materials for the chemical industry.

FINANCE

Reich debt (million reichsmarks).—December 1944: 346,000; 1943, 252,500 (of which foreign, estimated 10,000); 1942, 185,600; 1941, 128,500; 1940, 79,500; 1939, 45,900; 1938, 21,400; 1937, 18,100.

Reichsbank note circulation (million reichsmarks).—February 15, 1945, 53,649; December 31, 1944, 50,102; 1943, 33,683; 1942, 24,375; 1941, 19,325; 1940, 14,033; 1939, 11,798; 1938, 8,223; 1937, 5,493.

Currency and exchange.—Western Germany: Unit of currency for U. S., U. K., French Zones, Deutsche mark, abbreviated DM (West), since June 21, 1948. Legal tender, notes of Bank Deutscher Laender, the central bank for the three western zones. No legal minimum reserve is specified, but circulation of notes and coins is limited to 10,000,000,000 Deutsche marks, except as specially authorized by German States. Note circulation (excluding specially marked notes for Western Sectors of Berlin), in million marks, October 15, 1948, 5,560. The originally fixed conversion factor of 30 U. S. cents per DM (West) was in force as of November 1, 1948.

Soviet Zone: Unit of currency, Deutsche mark, abbreviated DM (Ost), since July 24, 1948. Legal tender, notes of Deutsche Notenbank, the central bank for the Soviet Zone. No legal minimum reserves of gold and foreign exchange are stipulated. As of November 1, 1948, no exchange rate had been established for the Deutsche mark (Ost). Coefficients of conversion for foreign trade transactions varied according to the commodity traded.

PRINCIPAL SOURCES

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Monatliche Nachweise Ueber den Answaertigen Handel Deutschlands, published by Statistisches Reichsamt, Berlin. (Last issue, June 1944.)

Reports of the Military Governor, published by Office of Military Government for Germany (U. S.).

Monthly Statistical Bulletin of the Control Commission for Germany (British Element) published by Headquarters Control Commission for Germany (British Element) Berlin.

Bulletin Statistique, published by Gouvernement Militaire de la Zone Française d'Occupation en Allemagne, Direction Générale de l' Economie et des Finances.

GREECE

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 50,270 square miles. Population, 1940 census, 7,347,002; 1946 estimate, 7,600,000. Population of geographic subdivisions, 1940 census: Central Greece and Euboea, 2,032,618; Peloponnesus, 1,173,541; Macedonia, 1,731,889; Western Thrace, 354,816; Thessaly, 577,-247; Epirus, 367,695; Crete, 442,339; Aegean Islands, 311,751; Ionian Islands, 223,452; Cyclades, 131,654. Principal cities: Athens, 487,045; Salonika, 224,748; Piraeus, 210,722; Patras, 79,338; Volos, 54,359; Kavalla, 45,738; Candia (Erakleion), 42,357; Kalamata (Kalamai), 35,033; Korfu (Kerkyra), 33,508; Drama, 33,260; Komotini, 32,874; Xanthi, 31,796; Larissa, 30,372. Urban population (towns over 5,000): 2,610,538 (35.5 percent).

Education.—School enrollment, 1945–46, with 1938–39 data in parentheses: Elementary, 963,055 (1,056,572); secondary, 151,221 (135,652); vocational, 22,450 (24,268); university, no 1945–46 data (9,713).

Illiteracy.—Number of illiterates over 8 years of age (based on 1940 census), 1,616,529.

Dodecanese Islands.—Incorporated into Greek State on March 7, 1948, under terms of the treaty of peace with Italy, and not included in foregoing area and population data. Area, 976 square miles; population (1948 estimate), 116,000.

AGRICULTURE

Land distribution, 1937 (thousand acres): Arable, 8,040; meadow and pasture, 8,034; forests, 4,737 (1946 estimate, 3,555). Cultivated area of main crops, 1947: 4,925.

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1938	1939	1942[1]	1946	1947	1938	1939	1942[2]	1946	1947
Wheat	2,129	2,288	1,621	1,875	2,002	36,008	33,914	11,860	25,720	21,238
Rye	156	133	122	133	153	2,283	1,890	866	1,968	1,613
Barley	483	446	319	405	447	10,150	8,497	2,664	6,889	4,823
Oats	339	339	274	257	311	9,301	8,750	3,651	5,512	4,823
Corn	707	638	625	652	618	8,543	10,078	7,204	7,598	9,842
Potatoes	55	55	34	57	80	5,805	6,871	3,638	8,451	11,060
Currants and raisins	197	178	111	190	(2)	[3] 414,465	[3] 385,805	[3] 152,117	[3] 167,550	[3] 220,460
Figs (dried)	---	---	---	---	---	[3] 70,547	[3] 59,524	(2)	[3] 44,092	[3] 55,115
Grapevines	458	409	350	334	(2)	[4] 124,259	[4] 210,840	[4] 64,134	[4] 58,789	(2)
Olive oil	---	---	---	---	---	[5] 30,277	[5] 42,622	[5] 24,398	[5] 24,985	[5] 42,622
Tobacco	208	239	23	176	187	[1] 105,821	[1] 103,616	[1] 8,818	[1] 56,217	[1] 99,207
Cotton (unginned)	170	161	21	126	105	[1] 99,207	[1] 101,412	[1] 13,228	[1] 77,752	[1] 77,161

[1] Excluding territory under Bulgarian occupation.
[2] Not available.
[3] Unit, pound.
[4] Unit, gallon of must.
[5] Unit, gallon of olive oil.

Livestock.—1947, with 1938 data in parentheses (thousands): Horses, 241 (364); mules, 149 (184); donkeys, 356 (404); cattle, 695 (967); of which milk cows, 132 (199); draft oxen, 300 (342) and other cattle, 263 (426); sheep, 6,918 (8,139); goats, 3,538 (4,356); swine, 493 (430); poultry, 8,332 (11,945).

Output of Livestock Products (Thousand Pounds)

Item	1935–38 average	1946	1947
Milk, fresh	586	308	322
Cheese	131	60	73
Meat and fish	[1] 344	(2)	(2)
Butter	12	5	5
Eggs	51	41	39
Wool, including pulled wool	20	13	17

[1] 1933–1937 average.
[2] Not available.

MINING AND MANUFACTURING

Mineral Production (Metric Tons)

Product	1937	1938	1945	1946	1947
Iron pyrites	206,650	244,000	6,510	80,140	58,525
Crude magnesite	161,679	168,243	1,650	4,500	13,700
Calcined magnesite	45,263	37,059	630	1,350	8,115
Zinc concentrate[1]	13,961	10,338	---	733	2,200
Lead ore	20,181	14,889	---	658	300
Lead metal:					
Soft lead	3,374	2,897	---	474	(2)
Work lead[3]	5,860	6,050	700	1,127	1,000
Lead-zinc ore[4]	33,786	30,780	8,300	2,154	3,490
Bauxite	137,412	179,886	(2)	(2)	23,500
Chrome ore	52,620	42,464	2,413	8,500	8,000
Emery, crude	7,458	3,079	560	830	7,500
Barite, crude	39,343	34,700	---	---	20,000
Sulfur, crude	656	548	1,300	250	2,000
Lignite	131,083	108,010	70,000	125,000	131,000
Iron ore	300,498	348,613	(2)	15,000	(2)
Nickel ore	39,054	50,306	---	---	---
Cement	290,000	308,000	(2)	110,000	(2)

[1] 46 percent zinc.
[2] Not available.
[3] 60–70 percent lead.
[4] 8 percent lead, 9 percent zinc.

Principal Manufactured Products

Commodity	Quantity (thousand pounds except as specified)			Value (thousand drachmas)		
	1938	1939	1940	1938	1939	1940
Cotton yarns	34,722	35,715	31,746	1,032,413	1,097,874	1,215,390
Wool fabrics[1]	7,616	7,593	6,892	914,110	971,740	945,000
Cotton fabrics[1]	30,304	31,726	28,444	415,500	435,000	481,000
Upper leather	4,960	4,519	2,205	506,250	461,250	300,000
Sole leather	12,787	11,058	5,512	464,000	417,600	300,000
Soap	56,438	51,918	51,632	449,000	448,500	479,320
Knitted goods	---	---	---	450,000	470,000	---
Liquors and brandy	33,565	29,270	25,831	532,896	531,091	527,232
Paper and board	46,294	53,770	39,515	306,662	373,200	351,530
Cigarettes	12,613	12,873	13,660	228,849	233,576	247,835

[1] Quantity in thousand yards.

Value of Industrial Production

Industry	Value (in thousand "stabilized" 1939 drachmas[1])		
	1939	1946	1947
Metallurgical	63,000	13,230	32,130
Metalworking	909,000	172,710	336,330
Building materials	553,000	176,960	270,970
Textiles	3,861,000	2,239,380	2,064,090
Foodstuffs	2,659,000	1,834,710	1,861,300
Chemicals	2,567,000	1,129,480	1,463,190
Tanning	930,000	223,200	446,400
Paper and cardboard	500,000	240,000	290,000
Wearing apparel	37,000	3,330	9,250
Woodworking	472,000	84,960	155,760
Cigarettes	234,000	248,040	315,900
Electric power	1,370,000	1,205,600	1,575,500
Mining	770,000	100,100	100,100
Collieries (lignite)	30,000	12,000	23,100

[1] Drachma averaged $0.008 in 1939.

TRANSPORTATION AND COMMUNICATION

Highways.—8,440 miles, only 5 percent (442 miles) in good condition in 1947.

Motor vehicles.—Estimated serviceable motor vehicles, December 1947: Total 24,150; passenger automobiles, 4,600; busses, 550; trucks, 13,500; motorcycles, 4,500. It is estimated that at the end of 1947 approximately 40 percent of these vehicles were temporarily out of service for lack of tires and repair parts.

Railways.—Total trackage in 1947 approximately 1,723 miles. Total operating trackage in miles: 1937, 1,629; 1945, 1,095; 1946, 1,416; 1947, 1,444. Standard-gage track, 1937, 890; 1945, 485; 1946, 687; 1947, 715. Narrow-gage track, 1937, 739; 1945, 610; 1946, 729; 1947, 729.

Railway Rolling Stock

Item	1937 Total serviceable	1946 Serviceable	1946 Nonserviceable	1946 Total	1947 Serviceable	1947 Nonserviceable	1947 Total
Locomotives:							
Standard gage	229	46	58	104	105	51	156
Narrow gage	122	37	21	58	44	27	71
Total	351	83	79	162	149	78	227
Freight cars:							
Standard gage	4,915	1,050	1,025	2,075	2,485	1,206	3,691
Narrow gage	1,517	464	286	750	631	149	780
Total	6,432	1,514	1,311	2,825	3,116	1,355	4,471
Passenger cars:							
Standard gage	375	31	41	72	104	50	154
Narrow gage	300	67	6	73	71	16	87
Total	675	98	47	145	175	66	241

Passengers carried (thousands): 1938, 9,284,164; 1939, 10,326,616; 1940, 8,616,181; 1945, 2,826,819; 1946, 4,091,303. Freight carried (1,000 metric tons): 1938, 2,779,799; 1939, 2,984,203; 1940, 3,071,296; 1946, 603,253.

Civil aviation, internal.—1947 (provided solely by Greek Airlines, T. A. E.): Miles flown, 691,131; flight hours, 4,190; passengers carried, 67,556; passenger-miles, 12,792,291; cargo carried (thousand pounds), 15,569; ton-miles, 1,325,848.

Merchant marine.—Prewar (oceangoing vessels of 2,000 gross tons and over): June 30, 1937, 376 vessels of 1,639,973 gross tons; June 30, 1938, 381 vessels of 1,682,131 gross tons. Cargo vessels constituted 97 percent of total. Postwar (oceangoing vessels of 1,000 gross tons and over): June 30, 1945, 133 vessels of 524,498 gross tons; June 30, 1946, 146 vessels of 619,320 gross tons; June 30, 1947, 232 vessels of 1,236,800 gross tons.

Shipping (1939, with 1938 data in parentheses).—Entrances, all ports, steam and Diesel-driven vessels in foreign trade with or without cargo: Foreign flag, 1,967 (2,426) vessels of 921,754 (1,039,376) net registered tons. Entrances, all ports, vessels of all types in coastwise shipping, with or without cargo, all under Greek flag: 31,078 (35,273) vessels of 8,195,066 (9,393,499) net registered tons.

Postal service.—1946, data for 1938 in parentheses: Offices, 1,482 (1,353). Pieces of mail: internal, 30,129,000 (43,160,000); external, 7,644,000 (9,328,000). Number of parcels, internal, 15,816 (522,466).

Telegraph.—Miles of wire: 1940, 38,000; 1937, 36,392. Length of submarine cable, 1948, 1,800 nautical miles. Messages, foreign, 1946, 772,347; 1939, 650,000. Total messages, 1947, 4,348,967; total words, 121,838,117.

Telephones.—Instruments: 1947, 62,900; 1939, 54,400; 1937, 43,554; miles of wire, 1938, 150,107. Number of automatic exchanges, 1947, 39. Number of telephone messages, 1947: Local, 205,117,200; long-distance, 1,980,000.

FOREIGN TRADE

Per capita trade.—1946: Imports, $15.10; exports, $5.90.

Basis of trade statistics.—Imports are for consumption; exports are domestic or nationalized goods, i. e., including foreign goods transformed for exportation. Comparability of various years affected somewhat by changes in boundary. Both quantities and values are based on declarations; import values c. i. f., export f. o. b. frontier.

Imports are charged to the country with which the commercial transaction has been made and not to the country of production. Exports are charged to the country of consumption without taking into consideration the countries through which the goods must move in transit to their ultimate destination.

Foreign trade values have been converted from drachmas to United States dollars at the following rates: 1934, $0.00940; 1935, $0.00939; 1936, $0.00929; 1937, $0.00906; 1938, $0.00896; 1939, $0.00815; 1940, $0.006715; 1946, $0.0002.

Value of Imports and Exports

Year	Thousands of drachmas		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	8, 792, 417	5, 474, 229	82, 649	51, 458
1935	10, 661, 388	7, 101, 289	100, 110	66, 681
1936	11, 962, 620	7, 378, 877	111, 133	68, 550
1937	15, 204, 363	9, 555, 293	137, 752	86, 571
1938	14, 761, 395	10, 149, 180	132, 262	90, 937
1939	12, 275, 404	9, 199, 867	100, 045	74, 979
1940	12, 217, 853	9, 079, 380	82, 043	60, 968
1946	514, 992, 665	201, 744, 051	102, 999	40, 345

Trade with Principal Countries (Thousands of Dollars)

Country	Imports			Exports		
	1937	1938	1946	1937	1938	1946
Total	**137, 752**	**132, 262**	**110, 878**	**86, 571**	**90, 937**	**43, 435**
United States	5, 907	9, 583	21, 618	14, 319	15, 510	23, 964
Canada	1, 351	2, 916	(1)	29	47	(1)
Argentina	11, 529	1, 278	6, 386	574	846	179
Austria	3, 464	1, 983	(1)	1, 498	1, 506	(1)
Belgium	1, 666	1, 349	2, 065	1, 352	1, 084	953
Bulgaria	208	342	5	206	269	-------
Cyprus	96	121	1, 422	323	320	366
Czechoslovakia	2, 535	2, 161	(1)	3, 477	2, 650	(1)
Finland	895	894	645	1, 191	1, 112	127
France	2, 411	2, 048	1, 122	2, 181	2, 651	509
Germany	37, 456	38, 138	444	26, 815	34, 980	(1)
Hungary	4, 197	973	-------	1, 011	1, 351	-------
Italy	3, 961	4, 486	342	5, 447	4, 707	1, 850
Netherlands	3, 402	2, 739	395	2, 481	1, 981	221
Rumania	15, 332	13, 585	182	2, 137	2, 009	(2)
Sweden	2, 466	1, 556	4, 071	1, 276	446	991
Switzerland	829	770	1, 369	554	871	700
U. S. S. R.	2, 210	3, 267	40	628	283	204
United Kingdom	15, 108	17, 258	7, 692	8, 358	7, 557	5, 470
Yugoslavia	7, 608	4, 057	7	2, 491	2, 026	1
Turkey	1, 831	2, 444	14, 444	504	591	859
Egypt	2, 505	2, 186	10, 831	2, 224	1, 959	1, 735
India	3, 224	2, 362	1, 464	41	28	208
Other countries	7, 561	15, 766	36, 334	7, 454	6, 153	5, 097
Percent of total:						
United States	4. 3	7. 2	19. 5	16. 5	17. 1	55. 2
Czechoslovakia	1. 8	1. 6	(1)	4. 0	2. 9	(1)
France	1. 8	1. 5	1. 0	2. 5	2. 9	1. 2
Germany	27. 2	28. 8	. 4	31. 0	38. 5	(2)
Italy	2. 9	3. 4	. 3	6. 3	5. 2	4. 3
Netherlands	2. 5	2. 1	. 4	2. 9	2. 2	. 5
Rumania	11. 1	10. 3	. 2	2. 5	2. 2	(2)
U. S. S. R.	1. 6	2. 5	(2)	. 7	. 3	. 5
United Kingdom	11. 0	13. 0	6. 9	9. 7	8. 3	12. 6
Turkey	1. 3	1. 8	13. 0	. 6	. 6	2. 0
Egypt	1. 8	1. 7	9. 8	2. 6	2. 2	4. 0

[1] Not reported in source.
[2] Negligible.

Imports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1946	1937	1938	1946
Total				**137,752**	**132,262**	**110,878**
Cattle ... number	55,334	65,715	16,209	1,451	2,026	1,731
Sheep and goats ... do	712,764	470,403	38,106	2,082	1,458	386
Butter, oleomargarine and edible fats ... 1,000 lb	1,148	1,321	933	174	289	2,068
Fish ... do	46,604	55,631	20,913	1,975	2,478	3,541
Hides and skins ... do	11,951	12,488	9,769	2,401	2,071	3,824
Leather ... do	211	210	4,189	524	522	3,643
Barley ... 1,000 bu	325	429	1,177	236	238	2,641
Corn ... do	1,871	2,199	74	1,391	1,688	273
Rice ... 1,000 lb	67,389	62,515	25,822	1,853	1,721	5,311
Wheat ... 1,000 bu	18,585	17,437	377	25,069	19,329	1,247
Wheat flour ... 1,000 bbl	9	15	139	57	83	2,146
Legumes ... 1,000 lb	49,295	43,333	20,990	1,697	1,605	2,498
Potatoes ... 1,000 bu	101	111	374	114	108	1,449
Coffee ... 1,000 lb	11,417	16,983	6,784	1,283	1,129	1,222
Sugar ... do	165,592	178,456	18,611	3,618	3,448	5,566
Tires and tubes ... do	2,896	2,406	6,778	860	788	1,773
Cotton, raw ... do	6,490	5,593	22,088	934	741	7,614
Cotton yarns ... do	1,668	1,518	102	1,493	1,354	284
Cotton fabrics ... do	7,810	7,529	491	5,316	5,031	1,332
Wool and animal hair ... do	6,869	5,091	3,418	2,732	1,861	2,227
Wool yarns ... do	3,397	3,546	580	3,638	3,432	1,442
Wool fabrics ... do	896	623	359	1,832	1,313	1,384
Sacks, new or used ... do	8,369	9,174	8,780	435	432	1,424
Timber ... 1,000 bd. ft	152,721	121,328	18,224	5,230	4,569	2,494
Wood, other ... long tons	15,176	11,183	252	699	464	114
Paper base stocks ... 1,000 lb	53,945	40,121	27,029	1,195	929	1,432
Paper and manufactures ... do	23,150	32,224	16,184	1,209	1,464	1,818
Coal ... long tons	881,026	882,452	174,152	5,941	6,580	3,907
Coke ... do	72,564	76,406	3,359	586	742	73
Mineral oils:						
Gasoline ... 1,000 bbl	546	605	540	1,738	1,691	6,225
Kerosene ... do	144	162	55	361	389	926
Diesel fuel oil and mazut ... do	1,649	1,762	1,275	3,380	3,201	3,999
Other ... do	92	69	106	801	764	2,317
Sulfur ... 1,000 lb	20,293	40,525	7,643	374	631	253
Steel mill products ... long tons	159,297	138,007	22,593	11,728	11,009	4,351
Iron and steel manufactures ... do	1,793	1,737	254	1,159	1,155	573
Copper and alloys in sheets and strips ... 1,000 lb	5,570	8,043	122	968	1,314	42
Electrical instruments and apparatus ... do	791	1,251	111	935	902	152
Engines ... long tons	1,325	887	6,983	624	458	227
Industrial machinery ... do	4,460	7,925	286	2,202	4,065	218
Agricultural machinery ... do	2,569	3,155	280	931	1,213	160
Machinery parts and accessories ... do	2,433	2,117	296	1,520	1,455	520
Automobiles ... number	435	589	1,411	612	591	1,284
Chassis ... do	653	875	193	576	728	81
Accessories for automobiles and other vehicles ... 1,000 lb	2,127	1,707	5,072	609	677	324
Pharmaceuticals ... do	1,253	1,515	1,152	2,191	1,753	1,179
Fertilizers ... do	120,089	164,537	15	716	736	1
Chemicals, other ... do	122,723	146,560	13,582	3,523	3,286	974
Scientific instruments ... do	---	---	76	639	993	79
Other merchandise	---	---	---	26,140	27,358	22,129

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Exports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1946	1937	1938	1946
Total				**86,571**	**90,937**	43,43[illegible]
Sausage casings, 1,000 lb.	254	215	13	388	367	31
Hides and skins, do.	6,951	6,808	1,145	2,978	2,134	1,534
Furs, do.	78	42	7	239	109	75
Sponges, do.	130	105	86	326	351	860
Olives, do.	28,232	31,629	4,189	2,380	2,622	1,258
Figs, do.	41,669	42,159	6,501	1,436	1,649	985
Raisins, do.	52,044	66,107	4,083	4,035	4,741	761
Currants, do.	197,698	163,749	13,898	8,872	8,360	1,610
Fruits, other, do.	47,736	55,790	7,915	1,905	2,486	1,708
Almonds, do.	2,147	2,301	10	421	437	5
Olive oil, 1,000 gal.	2,627	6,694	1	2,655	5,502	4
Cognac, do.	178	118	37	417	271	404
Wines, do.	11,509	11,253	96	1,953	2,211	155
Colophony, 1,000 lb.	47,336	43,985	8,698	1,621	1,345	1,483
Turpentine oil, do.	11,577	10,528	210	672	467	74
Mastic, do.	559	549	277	285	277	661
Tobacco, unmanufactured, do.	93,019	107,792	26,003	39,719	45,868	29,109
Carob beans, do.	31,422	32,198	1,060	326	376	31
Tanning materials, do.	9,320	7,525	---	524	434	---
Cotton yarns, do.	3,041	2,312	2	777	573	2
Wool and hair, do.	2,645	1,516	22	429	236	5
Wool rugs, do.	330	213	9	444	308	32
Cabinet wood, do.	6,640	1,619	29	266	108	1
Emery, do.	31,341	15,880	9,149	390	225	150
Magnesite, crude or calcined, do.	252,255	175,032	---	1,339	873	---
Pyrites, iron, long tons	191,050	199,042	---	747	897	---
Iron ore, do.	332,858	303,659	12,386	642	621	32
Iron and steel scrap, do.	20,082	9,982	---	441	164	---
Bauxite, do.	120,348	137,044	---	402	463	---
Lead, pig, do.	2,229	679	---	314	74	---
Chrome ore, do.	55,061	35,097	---	776	494	---
Wine lees, 1,000 lb.	2,582	2,658	---	96	117	---
Hydrochloric acid, do.	1,232	1,244	266	23	23	50
Fertilizers, do.	53,587	41,774	90	394	299	3
Soap, do.	123	284	88	12	24	27
Other merchandise	---	---	---	7,927	5,431	2,375

Trade with the United States by Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1946	1937	1938	1946
Imports from the United States, total	---	---	---	**5,907**	**9,583**	21,618
Leather, 1,000 lb.	75	96	422	191	239	572
Rice, do.	5,596	14,879	276	220	453	56
Wheat, 1,000 bu.	18	2,621	(1)	27	3,101	(1)
Wheat flour, 1,000 bbl.	8	15	62	53	82	921
Sugar, 1,000 lb.	---	---	24	---	---	10
Rubber tires, do.	872	933	2,437	260	313	848
Cotton wearing apparel and sewn articles, 1,000 lbs.	(1)	(1)	102	1	1	148
Timber, long tons	1,559	1,557	1,190	87	92	48
Diesel fuel oil and mazut, 1,000 bbl.	429	80	1,239	1,015	123	3,999
Lubricating oils, do.	40	44	106	440	498	2,317
Steel mill products, long tons	7,168	7,586	4,515	498	515	808
Radio apparatus, 1,000 lb.	(2)	(2)	47	115	228	103
Engines, long tons	5	10	36	4	13	51
Industrial machinery, do.	301	408	85	189	368	88
Agricultural machinery, do.	441	772	125	196	336	63
Machinery parts and accessories, do.	103	106	49	139	166	91
Automobiles, number	220	346	460	224	354	644
Chassis, long tons	844	844	72	329	370	37
Motorcycles, number	17	16	17	8	6	6
Accessories for automobiles and other vehicles, long tons	603	427	120	312	341	22
Fertilizers, 1,000 lb.	4,675	3,687	90	105	90	(1)
Motion-picture films, do.	7	10	91	102	169	173
Other merchandise	---	---	---	1,392	1,725	10,613

Trade with the United States by Principal Commodities—Continued

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1946	1937	1938	1946
Exports to the United States, total				**14,319**	**15,510**	**23,964**
Hides and skins.....1,000 lb..	46	3	147	40	3	577
Sponges.....do.....	2	3	50	5	11	543
Olives.....do.....	5,516	5,148	2,088	518	486	620
Currants.....do.....	5,055	3,549	7	273	188	2
Olive oil, edible.....1,000 gal..	399	1,858	(1)	543	1,613	1
Cognac.....do.....	42	22	26	161	95	282
Olive oil, inedible.....do.....	430	470	.....	318	206	.....
Tobacco, unmanufactured.....1,000 lb..	20,675	21,931	17,681	11,229	12,288	20,827
Other merchandise.....	.....	.....	.....	1,232	620	1,112

[1] Negligible.
[2] Not reported in source.

FINANCE

Currency and exchange.—Currency unit, the drachma. Exchange rates (drachmas per U. S. dollar) 1936 to January-April 1941, consecutively: 109, 111, 113, 125, 151, 152. Rapid inflation occurred during the period April 1941-November 1944. On November 11, 1944, a new drachma was established which exchanged for 50 billion old drachmas under the stabilization law. The new drachma was devalued in June 1945 from 150 to 500 per U. S. dollar and again in January 1946, when the current official buying and selling rates of 4,980 and 5,020 drachmas per U. S. dollar were established.

In October 1947, a new exchange policy was introduced which, in effect, raised the legal rate for exports and imports to about 8,000 drachmas per U. S. dollar and left it free to rise or fall with the demand and supply of exchange. For all exchange proceeds sold to authorized banks, sellers receive, in addition to drachmas at the official rate, a "certificate of exchange" (made out in the amount of foreign exchange—not in the amount of drachmas). These certificates, made out in either U. S. dollars or pounds sterling, are negotiable on the open market for a period of 120 days, after which they become invalid. Banks sell exchange only upon the presentation of (a) certificates of exchange in amounts equal to the amounts of exchange being requested and (b) the regular permit for the purchase of exchange. Should the Bank of Greece wish to permit imports in excess of exports, or should it wish to prevent a rise in the price of these certificates, it is authorized to sell certificates against its own foreign exchange holdings.

Government budget, fiscal years ending March 31, except where noted (million drachmas).—1937–38 (revised to end of fiscal year), receipts, 16,486; expenditures, 16,883; 1945–46, receipts, 186,731; expenditures, 313,908; 1946–47, receipts, 1,572,611; expenditures, 1,659,306; 1947–48 (4/1/47—6/30/48) receipts, 2,215,357; expenditures, 2,313,480.

Assets of the Bank of Greece.—Gold, 1937, $24,000,000; 1938, $27,000,000; 1947, $14,000,000. Short-term assets in the United States, 1940, $28,000,000; 1946, $49,000,000; 1947, $35,000,000; June 30, 1947, $32,000,000, of which $15,000,000 were official and $17,000,000 were private holdings.

Money supply (billion drachmas).—Currency (gross) 1937, 7; 1938, 8; 1943, 3,199; 1946, 538; 1947, 974. Deposit money (gross): Bank of Greece, 1937, 2; 1938, 3; 1946, 129; 1947, 344. Other banks, 1937, 10; 1938, 10; 1946, 136; 1947, 349. Government deposits, 1937, 4; 1938, 7; 1943, 145; 1946, 74; 1947, 56.

Money and capital market.—Discount rate: January 4, 1937, 6.0 percent; July 14, 1941, 5.0 percent; March 1, 1942, 6.0 percent; December 8, 1944, 7.0 percent; August 16, 1946, 10.0 percent.

Cost-of-living index.—(1937 = 100) 1936, 90; 1937, 100; 1938, 107; 1945, 1,910. (1937 = 1) 1946, 146; 1947, 176; January-June 1948, consecutively: 231, 243, 246, 239, 249, 245.

PRINCIPAL SOURCES

Bulletin Mensuel du Commerce Spécial de la Grèce avec les Pays Etrangers.

HUNGARY

(See general explanatory note, p. vi)

NOTE ON TERRITORIAL CHANGES

Until November 1938 the area of Hungary was 35,935 square miles as determined under the Treaty of Trianon. By the first Vienna Award of November 2, 1938, Hungary acquired 4,635 square miles from Czechoslovakia. In March and April 1939, further territory, amounting to 4,655 square miles, was annexed from Czechoslovakia. Territory, comprising 16,795 square miles of northern Transylvania, was annexed from Rumania under the second Vienna Award of August 30, 1940. In April 1941 the territory known as Vojvodina, amounting to 4,290 square miles, was annexed from Yugoslavia. Under the terms of the armistice of January 20, 1945, Hungary had to evacuate the territories acquired with the consent of Germany and Italy and was reduced to its former Trianon territory. The peace treaty of February 10, 1947, reduced Hungary's area further by the cession to Czechoslovakia of 26 square miles on the right bank of the Danube across from Bratislava.

AREA AND POPULATION

Area, 1947, 35,909 square miles. Population, 1947 midyear estimate, 9,333,000; 1937, 9,038,189; 1930 census, 8,688,319. Urban population, (places of 10,000 or over) 1938, 4,115,564.

Cities: Budapest (capital), 1947, 1,164,963; 1946, 1,053, 787; 1937, 1,067,124; other cities, 1941 with 1937 estimates where available in parentheses: Szeged, 136,752 (140,182); Debrecen, 125,933 (126,588); Kecskemét, 87,269 (82,997); Miskolc, 77,362 (66,947); Pestszenterzsébet, 76,876 (84,653); Újpest, 76,000 (74,674); Pécs, 73,000 (71,848); Kispest, 65,149 (75,671); Hódmezovásárhely, 61,776 (59,171); Nyiregyháza, 59,156 (57,093); Györ, 57,190 (51,032); Békéscsaba, 52,404 (51,886); Rákospalota, 49,000 (47,010); Székesféhervár, 47,968 (41,990); Szombathely, 42,870; Sopron, 42,255; Pestszentlörinc, 42,073; Szolnok, 42,011 (43,377); Kiskunfélegyháza, 38,930.

Education.—School enrollment 1946–47: Elementary, 1,132,233; secondary, 121,449; vocational, 49,686; university, including normal schools, 37,353. Illiteracy, 1946, preliminary figure, based on population over 6 years of age, 7.3 percent.

AGRICULTURE

Land distribution, January 1, 1947 (thousand acres): Arable, 13,856 (60.3 percent); vineyards and gardens, 856; meadows and pastures, 3,919; woods and forests, 2,777; reeds, 71; barren, 1,520.

Livestock (head): Cattle, 1,478,610 (May 1, 1947); swine, 1,991,655 (February 15, 1948); sheep, 507,971 (May 31, 1947); goats, 102,448 (May 31, 1947); horses, 515,800 (February 15, 1948).

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1931-35 average	1937	1938	1946	1947	1931-35 average	1937	1938	1946	1947
Wheat	3,932	3,665	4,000	2,867	3,149	76,483	72,158	98,778	41,410	37,052
Rye	1,568	1,499	1,562	1,166	1,256	28,532	24,325	31,677	16,692	17,558
Barley	1,152	1,155	1,121	1,236	1,193	28,818	25,579	33,253	20,255	21,173
Oats	560	570	554	547	599	18,914	18,629	21,382	13,641	13,799
Corn	2,812	2,955	2,901	3,123	3,184	73,033	108,607	104,801	53,680	73,000
Potatoes	715	729	720	693	693	61,522	84,040	78,653	42,005	47,941
Sugar beets	114	116	109	148	219	[1] 890	[1] 1,103	[1] 970	[1] 516	[1] 1,003
Beet sugar[2]	-----	-----	-----	-----	-----	[1] 120	[1] 111	[1] 127	[1] 67	[1] 152
Fodder beets	-----	343	344	301	328	-----	[1] 3,207	[1] 3,521	[1] 1,359	[1] 1,930
Grapevines	[3] 474	[3] 529	[3] 536	[4] 588	[3] 582	[5] 84,217	[5] 119,158	[5] 86,087	[5] 102,844	[5] 66,499
Tobacco	49	36	35	37	43	[6] 61,474	[6] 45,008	[6] 43,062	[6] 32,408	[6] 37,529

[1] Unit, metric ton.
[2] 1937 and 1938—seasons ended following year.
[3] Bearing acreage for wine grapes only.
[4] Total grapevine acreage.
[5] Unit, gallon of must.
[6] Unit, pound.

MINING AND MANUFACTURING

Value of mine products and pig iron, fiscal year 1946–47 (August 1–July 31) with 1945–46 data in parentheses where available (in thousand forint): Total, 1,043,993 (719,427). Principal items: Lignite, 508,569 (341,548); coal, 117,285 (69,372); bauxite, 22,944 (6,271); iron ore, 14,735 (7,624); manganese ore, 8,341 (3,842); copper ore, 1,949 (1,675); pig iron, 260,938 (116,699); crude petroleum, 96,873.

Value of manufactured production, fiscal year, 1946–47 (August 1–July 31), in million forint: Total, 8,793.0. Principal items: Iron, metals, and machinery, 2,439.7; stone, earthenware and glass, 294.4; wood and bone, 148.4; leather, fur, etc., 141.9; textiles, 1,615.5; provisions, 2,110.0; chemicals and rubber, 1,212.0; paper, printing and duplicating, 265.3; electric power, 565.8.

Mine and Foundry Products (Metric Tons)

Item	1937	1938	1946	1947
Coal	836, 811	955, 233	721, 520	1, 059, 340
Brown coal and lignite	7, 497, 898	7, 709, 251	5, 630, 480	7, 750, 240
Iron ore	290, 044	797, 563	132, 970	243, 940
Bauxite	532, 657	540, 718	100, 760	340, 260
Copper ore	10, 253	10, 549	24, 990	36, 790
Pig iron	357, 935	334, 880	159, 790	299, 460
Crude steel	665, 000	647, 000	354, 119	589, 582
Manganese ore	25, 080	46, 200	52, 750	112, 310
Crude petroleum	1, 366	37, 254	684, 800	569, 850

Alcohol production, thousands of gallons: 1947, 2,932; 1937, 11,380; 1936, 8,611; 1935, 8,652; 1934, 8,899; 1933, 7,150.

Unemployment (December 31).—Total, 1947, 463,397 (estimated). Among trade unionists, 1938 to 1931, consecutively: 17,144; 17,374; 15,967; 19,386; 22,031; 27,044; 32,073; and 33,146.

TRANSPORTATION AND COMMUNICATION

Railways (1947).—Length of line, 4,985 miles; locomotives, 1,680; passenger cars, 2,064; freight cars, 19,373; passengers carried, 99,118,000; freight carried, 16,443,000 metric tons; gross receipts of state railways, fiscal year 1946/47 beginning August 1 (including state contribution of 105,319,000 forint) 980,191,000 forint.

Water transportation, 1947.—Length of navigable inland waterways, 1,222 miles (1946); passengers carried, 1,579,000; freight carried, 293,730 metric tons.

Civil Aviation, 1947 (1937 data in parentheses).—Miles flown, 421,598 (612,220); passengers carried, 45,217 (23,912); goods and mail carried (thousand pounds), 1,640 (18,814).

Posts, telegraphs, and telephones, 1947 (1937 data in parentheses).—Post offices (1946), 2,152 (2,969); letters, 403,721,000; parcel post packages, 8,988,000 (pieces of mail 1937, 516,590,000). Telegraphs: Line (end of 1946), 4,570 (5,513) miles; wire (end of 1946), 38,911 (46,012) miles; number of messages, 3,891,000 (2,625,000). Telephones: Line (end of 1946), 13,289 (16,909) miles; wire (end of 1946), 116,267 (435,647) miles; number of instruments, 79,010 (150,712).

FOREIGN TRADE

Per capita trade.—1946: Imports, $3.40; exports, $3.85.

Basis of trade statistics.—Imports are for consumption and exports are Hungarian goods. Both quantities and values are based on declarations; imports c. i. f., exports f. o. b. frontier. The foreign trade is charged according to the country of origin and destination. Trade through free ports (Atlantic, Black Sea, and Mediterranean) the origin or destination of which cannot be determined is charged to those ports.

Foreign trade values have been converted from forint to United States dollars at the following rates: 1934, $0.0349713; 1935, $0.0850575; 1936, $0.0849425; 1937, $0.0568391; 1938, $0.0566954; 1946, $0.08518.

Value of Imports and Exports

Year	Thousands of forint		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	1,200,242	1,406,609	101,986	119,521
1935	1,400,161	1,571,276	119,094	133,649
1936	1,519,152	1,755,249	129,041	149,095
1937	1,682,862	2,046,292	95,652	116,309
1938	1,428,912	1,817,889	81,013	103,066
1946	370,619	420,455	31,569	35,814

Trade with Principal Countries (Thousands of Dollars)

Country	Imports			Exports		
	1937	1938	1946	1937	1938	1946
Total	**95,652**	**81,013**	**31,569**	**116,309**	**103,066**	35,814
United States	4,474	4,260	3,905	3,394	2,518	553
Argentina	856	460	----------	851	1,892	(1)
Austria	17,188	9,301	774	19,575	18,823	1,090
Czechoslovakia	6,010	5,379	7,999	4,101	4,267	6,143
Denmark	266	407	126	1,945	921	820
France	843	1,222	33	2,371	1,928	66
Germany	24,794	24,401	45	27,956	28,283	----------
Greece	798	1,008	----------	1,898	293	36
Italy	6,718	5,062	253	14,266	8,720	23
Netherlands	3,356	2,999	147	1,752	1,601	29
Poland	1,043	1,155	2,387	1,055	1,058	1,552
Rumania	9,409	7,918	2,610	4,960	4,133	928
Sweden	667	736	797	1,795	1,976	2,174
Switzerland	2,012	2,056	2,589	4,917	3,288	7,571
U. S. S. R.	58	14	8,884	410	----------	11,410
United Kingdom	5,033	5,078	202	8,380	8,330	2,446
Yugoslavia	4,718	3,666	417	2,506	3,089	260
India	1,755	702	----------	571	912	----------
Egypt	1,339	1,236	----------	2,258	1,472	(1)
Other countries	4,315	3,953	401	11,348	9,562	709
Percent of total:						
United States	4.7	5.3	12.4	2.9	2.4	1.5
Austria	18.0	11.5	2.5	16.8	18.3	3.0
Germany	25.9	30.1	.1	24.0	27.4	----------
Italy	7.0	6.3	.8	12.3	8.5	.1
Rumania	9.8	9.8	8.3	4.3	4.0	2.6
U. S. S. R.	.1	(1)	28.1	.4	----------	31.9
United Kingdom	5.3	6.3	.6	7.2	8.1	6.8

[1] Less than $500.

Imports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1946	1937	1938	1946
Imports for consumption, total				**95,652**	**81,013**	**31,569**
Hides and skins, 1,000 lb	35,326	34,840	2,167	5,904	3,995	1,106
Leather, do	557	394	2	636	499	10
Furs, dressed and dyed, do	306	295		1,521	1,578	
Corn, 1,000 bu	1	364		1	244	
Rice, milled, 1,000 lb	52,457	40,267	(1)	1,140	952	(2)
Fruits and nuts, do	59,518	63,670	964	1,559	2,011	216
Cocoa beans, do	7,116	10,620	138	522	543	65
Coffee, do	4,292	4,569	65	398	418	21
Sugar, refined, do	67	75	12,283	1	2	2,847
Rubber, crude, do	8,044	7,105	1,760	839	629	228
Rubber manufactures, do	1,097	1,139	199	379	404	122
Oilseeds, do	18,231	29,438		549	655	
Oils and fats, inedible, do	17,621	9,063	3	693	355	(2)
Tanning extracts and preparations, do	16,745	11,785	1,653	524	409	293
Tobacco, unmanufactured, do	2,802	3,524	829	900	1,279	270
Cotton, raw and waste, do	59,188	58,870	26,584	5,444	4,451	5,739
Jute, raw, do	32,329	13,024		953	348	
Wool, unmanufactured, do	3,781	3,671	2,574	1,465	1,063	478
Synthetic fibers, do	7,961	4,611	101	1,013	558	58
Yarns:						
Cotton, do	2,687	1,845	273	747	475	150
Wool, do	1,359	547	(1)	783	339	(2)
Silk and rayon, do	8,708	5,321	184	2,542	1,704	187
Fabrics:						
Cotton, do	1,609	1,267	15	900	704	66
Wool, do	850	810	200	1,128	1,041	368
Silk, silk mixtures and rayon, do	485	388	18	450	359	112
Wearing apparel, do	7	7	1,506	27	28	2,002
Wood, unmanufactured, long tons	757,252	702,543	24,893	6,169	4,666	565
Lumber, sawed, do	313,324	209,552	22,803	5,981	3,927	1,289
Cloth waste and rags, 1,000 lb	11,978	9,450	1,196	851	562	172
Wood pulp, long tons	41,750	26,710	3,725	2,297	1,401	657
Paper and manufactures, 1,000 lb	91,410	78,081	1,796	3,342	2,793	338
Coke, 1,000 long tons	365	323	203	2,076	1,818	2,563
Petroleum, crude, 1,000 bbl	1,813	1,325		3,760	2,557	
Rock salt, 1,000 lb	195,294	196,859	116,415	541	495	1,819
Iron ore, 1,000 long tons	453	412	123	1,813	1,051	1,081
Iron and steel:						
Pig iron and ferroalloys, long tons	32,846	10,534	3	1,243	656	2
Scrap, do	58,014	58,875	388	1,024	895	9
Bars, sheets and wire, do	4,311	4,224	1,208	774	894	89
Other kinds, do	4,536	2,515	529	1,101	1,061	125
Nonferrous metals and alloys, crude and scrap:						
Copper, 1,000 lb	26,581	32,805	2,502	2,380	2,310	474
Other, do	30,457	42,004	3,686	2,246	2,248	478
Nonferrous metals, manufactures, do	1,202	1,825	183	551	727	74
Machinery and apparatus:						
Electrical, long tons	2,379	2,681	524	1,317	1,424	432
Textile and sewing, do	2,090	2,051	7	1,005	1,042	18
Other, do	5,086	4,251	289	2,894	3,095	683
Coal-tar dyes, 1,000 lb	3,565	3,801	197	2,134	2,014	425
Chemicals, other, do	99,666	96,010	9,953	2,546	2,694	516
Films, do	271	334	5	522	589	22
Precision instruments, do	300	287	5	670	696	12
Other merchandise				17,397	16,355	5,388

[1] Less than one-half the unit.
[2] Less than $500.

Exports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1946	1937	1938	1946
Domestic exports, total	----------	----------	----------	**116, 309**	**103, 066**	35, 814
Cattle..........number..	107, 515	54, 663	----------	7, 452	4, 629	----------
Hogs..........do..	165, 292	228, 792	----------	4, 808	6, 759	----------
Poultry, live..........1,000 lb..	6, 167	3, 462	----------	492	268	----------
Bacon and lard..........do..	47, 788	42, 222	----------	3, 878	3, 469	----------
Poultry, dressed..........do..	51, 389	52, 102	4, 097	4, 586	4, 947	1, 999
Game, dressed..........do..	6, 408	8, 039	248	525	649	69
Meat products, other..........do..	16, 178	22, 482	373	2, 159	2, 875	512
Butter..........do..	13, 121	7, 761	----------	1, 977	1, 244	----------
Eggs..........do..	25, 251	31, 046	2, 246	1, 820	2, 087	722
Leather..........do..	2, 648	1, 926	26	2, 083	1, 490	106
Footwear..........1,000 pairs..	348	666	(1)	436	733	1
Furs, dressed; fur wearing apparel..........1,000 lb..	1, 135	1, 002	40	2, 353	1, 712	447
Horses..........number..	13, 955	11, 958	----------	1, 369	1, 210	----------
Feathers..........1,000 lb..	7, 011	5, 629	1, 613	3, 649	2, 594	962
Malt..........1,000 bu..	2, 602	1, 965	139	1, 970	1, 427	440
Corn..........do..	7, 467	4, 729	396	3, 790	2, 575	482
Rye..........do..	4, 338	2, 361	6	3, 774	1, 809	5
Wheat..........do..	13, 148	16, 024	1	12, 308	13, 476	1
Wheat flour and semolina..........1,000 bbl..	650	386	----------	2, 805	1, 601	----------
Vetch..........1,000 bu..	408	233	102	526	320	599
Vegetables, dried..........1,000 lb..	116, 891	72, 627	10, 747	2, 611	1, 654	779
Vegetables, fresh..........do..	255, 017	119, 022	3, 395	1, 385	1, 124	123
Tomato juice..........do..	13, 944	17, 275	2, 204	503	532	373
Fruits, fresh..........do..	86, 069	68, 065	8, 987	1, 906	1, 940	654
Fruits, canned..........do..	1, 165	688	11, 237	59	50	1, 368
Fruit pulp..........do..	113	25	15, 865	5	1	1, 250
Paprika, ground..........do..	5, 410	6, 105	558	523	658	234
Distilled liquors..........1,000 gal..	21	19	170	19	21	536
Wines..........do..	10, 232	10, 785	3, 324	1, 429	1, 620	3, 285
Rubber manufactures..........1,000 lb..	2, 411	1, 543	364	547	415	423
Medicinal herbs..........do..	5, 545	5, 635	367	589	753	168
Seeds, clover..........do..	26, 214	24, 155	462	1, 726	1, 382	203
Fabrics:						
Cotton..........do..	3, 421	2, 349	5, 754	1, 032	610	5, 102
Silk, silk mixtures and rayon..........do..	1, 589	1, 318	41	1, 082	900	231
Wearing apparel, women's and children's..do..	707	602	2	1, 229	1, 097	37
Lignite..........1,000 long tons..	206	240	78	583	705	500
Petroleum, crude..........1,000 bbl..	----------	----------	347	----------	----------	946
Gasoline..........do..	----------	(1)	490	----------	(2)	1, 140
Kerosene..........do..	----------	----------	319	----------	----------	677
Gas oils..........do..	----------	----------	221	----------	----------	491
Iron and steel products:						
Bars..........long tons..	66, 006	73, 037	3, 416	1, 935	2, 322	353
Sheets..........do..	39, 956	34, 870	396	1, 162	1, 091	50
Other kinds..........do..	46, 945	33, 833	1, 857	3, 829	3, 173	1, 117
Bauxite..........do..	472, 140	356, 683	8, 914	1, 271	1, 065	118
Electrical machinery and apparatus:						
Incandescent lamps..........do..	1, 178	1, 209	193	2, 368	2, 424	886
Radio tubes..........thousands..	2, 462	2, 024	199	1, 508	1, 198	231
Other kinds..........				1, 690	1, 401	364
Agricultural machinery..........long tons..	2, 454	3, 156	----------	622	671	----------
Machinery and apparatus, other..........do..	4, 583	5, 249	106	2, 207	2, 555	121
Railway passenger cars..........do..	207	1, 865	----------	118	1, 150	----------
Pharmaceuticals..........1,000 lb..	443	491	116	640	831	445
Alcohols..........long tons..	13, 195	6, 049	(1)	711	341	(2)
Fertilizers..........do..	37, 636	26, 407	489	674	476	60
Books and periodicals..........1,000 lb..	2, 885	2, 408	94	650	557	39
Other merchandise..........	----------	----------	----------	18, 936	14, 475	7, 165

[1] Less than one-half the unit.
[2] Less than $500.

Trade with the United States by Principal Commodities

Commodity	Quantity		
	1937	1938	1946
Imports from the United States:			
Rubber manufactures 1,000 lb	4	2	58
Rosin do	2,115	1,353	----------
Tobacco, unmanufactured do	31	218	----------
Cotton, raw and waste do	27,337	34,949	----------
Wool fabrics do	----------	----------	168
Wearing apparel do	----------	----------	1,497
Wood, tropical do	1,101	665	----------
Lubricating oils 1,000 bbl	19	29	----------
Iron and steel:			
Scrap long tons	10,915	3,220	----------
Bars and sheets do	----------	6	1,139
Other products do	5	12	201
Copper and alloys, crude and scrap 1,000 lb	7,760	11,931	----------
Lead, crude and scrap do	782	269	----------
Electrical machinery and apparatus long tons	12	3	154
Machinery and apparatus, other do	41	109	24
Automobiles and chassis do	91	51	1,935
Pigments, chemical 1,000 lb	499	534	----------
Phosphate rock long tons	22,758	8,905	----------
Exports to the United States:			
Meats, canned 1,000 lb	4,371	4,793	----------
Leather do	63	66	----------
Footwear 1,000 pair	53	119	----------
Feathers 1,000 lb	631	506	600
Malt 1,000 bu	1,142	401	----------
Vetch do	79	83	----------
Beans, dry do	34	9	----------
Paprika, dry 1,000 lb	3,461	3,463	----------
Medicinal herbs do	429	579	51
Oilseeds do	2,607	1,655	----------
Seeds, clover do	3,567	6,491	22
Jute burlaps do	9,219	1,323	----------
Hollow glassware do	762	624	----------

FINANCE

Government receipts and expenditures, fiscal years ending July 31 (thousand forint).—1946–47 actual receipts, 5,479,660; actual expenditures, 5,427,921; 1947–48 estimated receipts, 7,576,142; estimated expenditures, 7,533,683.

Currency and exchange.—Currency unit from August 1, 1946, the forint. Official exchange rate, 11.7393 forint to the dollar (1 forint = $0.08518). Previous unit, the pengö, par from August 1936, $0.197766. Legal reserve minimum, 25 percent in gold and/or foreign exchange. The new currency unit, the forint, was introduced by the Hungarian Government on August 1, 1946 ending the extraordinary inflation which had existed prior to that time. The new unit was established at 13,210 forint equivalent to 1 kilogram of fine gold, which corresponds to 0.07575 grams of fine gold per forint. Old currency was exchanged for the new at the ratio of 1 forint to 200,000,000 tax-pengö. (The tax-pengö, introduced on January 1, 1946, was an arbitrary unit of account designed to protect the Government's revenue receipts and to serve as a standard with regard to prior debts and liabilities. On June 1, 1946, tax-pengö notes were issued as a medium of exchange together with the pengö.)

National Bank data, year end.—Note circulation: Postwar (in million forint), 1947, 1,992; 1946, 968; prewar (in million pengö), 1937, 466; 1936, 436; 1935, 417. Gold reserves: Postwar (in million forint), 1947, 403; 1946, 284; prewar (in million pengö), 1937, 84; 1936, 84; and 1935, 79.

Foreign assets.—1946–47 (in million forint): 1947, 376.5; 1946, 162.09; prewar foreign assets (in million pengö), 1937, 58.5; 1936, 42; and 1935, 33.

PRINCIPAL SOURCES

Gazdaságstatisztikai Tájékoztató (Economic Statistical Bulletin), Hungarian Central Statistical Office.

Magyar Statisztikai Szemle (Hungarian Statistical Review), Hungarian Central Statistical Office.

Monthly Bulletin of the National Bank of Hungary.

Bulletin of the Hungarian Institute for Economic Research.

Magyar Kulkereskedelmi Zsebknoyo.

Hungarian Foreign Trade.

IRELAND

(See general explanatory note, p. vi)

AREA AND POPULATION

Total area, 26,935 square miles. Population, mid-1948 estimate, 2,997,400; mid-1947 estimate, 2,980,000; 1946 census, 2,953,452. Urban population (towns over 1,500), 37.6 percent. Provinces: Leinster, 1,280,219; Munster, 916,750; Connacht (Connaught), 492,816; Ulster, 263,667. Cities: Dublin, 506,635; Cork, 75,361; Limerick, 42,987; Waterford, 28,332; Galway, 20,437.

Education.—1947–48 (preliminary figures): Elementary, 454,000; secondary, 42,000; university, 7,000. Owing to compulsory school attendance there is practically no illiteracy in the country.

AGRICULTURE AND FISHERIES

Land distribution 1947, 1946 in parentheses (thousand acres): Under crops, 4,314 (4,337); orchards, 11 (11); pasture, 7,240 (7,217); forests, 290 (290).

Value of total agricultural production (thousands of pounds sterling): 1939–40, 60,799; 1940–41, 68,243; 1941–42, 76,709; 1942–43, 86,203; 1943–44, 95,496; 1944–45, 99,593; 1945, 104,967; 1946, 104,591; 1947, 112,659 (of which livestock and livestock products, 79,764; and crops and turf, 32,895).

Fisheries.—1947, with 1946 in parentheses: Sea fish, 32,200,000 pounds (32,620,000), valued at £503,480 (£515,344); shellfish, value £68,418 (£78,992).

Principal Crops: Area and Production

Crops	Area (thousand acres)				Production (thousand long tons)			
	1940-44 average	1945	1946	1947	1940-44 average	1945	1946	1947
Wheat	499	662	643	580	448	573	463	313
Rye	5	10	8	7	4	7	6	5
Oats	844	884	831	826	751	726	689	653
Barley	172	170	144	146	159	150	121	88
Potatoes	408	388	391	383	3,207	2,984	3,227	2,600
Turnips	148	152	151	159	2,326	2,554	2,264	2,367
Sugar beets	72	85	79	62	628	735	529	480
Mangels	88	87	88	84	1,526	1,557	1,350	1,247
Hay	1,989	1,950	1,935	2,011	4,224	4,313	4,170	4,468
Flax	21	33	26	18	3	5	4	3

Livestock (Thousands of Head)

Kind	1940	1941	1942	1943	1944	1945	1946	1947
Cattle	4,023	4,150	4,084	4,136	4,246	4,211	4,146	3,950
Sheep	3,071	2,909	2,693	2,560	2,663	2,581	2,423	2,094
Swine	1,049	764	519	434	381	426	479	457
Horses	459	459	452	454	459	465	452	438
Asses and mules	161	157	151	148	144	139	137	128
Poultry	19,975	17,393	17,365	17,097	18,330	18,314	18,276	17,304

MANUFACTURING

Electric power.—Output (in 1,000 kilowatt-hours) years ended March 31, 1939, through 1947, consecutively: 377,637; 406,999; 435,864; 450,412; 414,363; 442,893; 404,932; 482,216; and 570,376.

Industrial production.—1945 (latest Census of Production), 1938 in parentheses, total all industries: Gross output, £135,532,000 (£89,370,000); net output, £47,667,000 (£35,495,000); average number of workers, 150,957 (166,107). Malt liquor output (1,000 barrels), 1939 through 1945, consecutively: 1,433; 1,369; 1,573; 1,289; 1,262; 1,417; 1,653. Distilled spirits, not including methylated spirits (1,000 proof gallons) 1939 through 1945, consecutively: 940; 1,009; 851; 844; 1,211; 1,240; 1,583.

Statistics of Principal Industrial Groups, 1945

Group	Thousands of pounds sterling					Average number of persons engaged	Net output per person engaged (pounds sterling)
	Gross output	Cost of materials, fuels, containers, etc.	Net output				
			Total	Salaries and wages	Remainder of net output		
Transportable goods	118, 459	82, 058	36, 401	17, 509	18, 892	101, 161	360
Food	51, 011	42, 003	9, 008	4, 523	4, 485	24, 521	367
Drink	11, 800	4, 529	7, 271	1, 621	5, 650	6, 789	1, 071
Tobacco	12, 476	11, 281	1, 195	530	665	2, 310	517
Other manufactures	43, 172	24, 245	18, 927	10, 835	8, 092	67, 541	281
Building, construction and services	17, 073	5, 804	11, 269	8, 473	2, 796	49, 796	226
Laundry and cleaning	844	226	618	378	240	3, 300	187
Construction	5, 164	2, 253	2, 911	2, 151	760	11, 699	249
Utilities	5, 404	2, 035	3, 369	1, 573	1, 796	6, 598	511
Transport	2, 346	621	1, 725	1, 725	----------	8, 345	207
Government	3, 315	669	2, 646	2, 646	----------	19, 854	133

Unemployment.—At the close of 1947 there were approximately 66,500 unemployed, compared with 69,100 for 1946.

TRANSPORTATION AND COMMUNICATION

Railways.—Effective January 1, 1945, the operation of all but a few hundred miles of Ireland's railways was brought under the control of one company, Coras Iompair Eireann (Irish Transport Company). Operating statistics 1947, 1946 in parentheses: Track, including sidings, 2,610 miles (2,610); freight conveyed, 2,598,570 tons (2,676,570); passengers carried, 10,774,905 (9,836,737).

Roads.—Miles, 1947: Main roads, 9,800; country roads, 38,469; country borough roads, 475; urban, 328; total, 49,072. Total vehicles of all types 1947, 1946 in parentheses, 90,374 (76,552); cars taxed on horsepower, 58,187 (44,489). Omnibus service: Passengers carried 1947, 204 million; 1946, 224 million; vehicle miles, 1947, 27 million; 1946, 28 million; gross receipts from passenger fares, 1947, £2,638,000; 1946, £2,774,000.

Vessels in foreign trade.—Irish Shipping, Ltd., operates a fleet of 14 vessels; 7 others are under construction. Total entrances, all vessels, to Irish ports 1947, 5,161 (4,200,000 tons); 1946, 5,837 (2,956,000 tons). Cleared 1947, 2,840 (2,810,000 tons); 1946, 2,661 (1,998,000 tons).

Aviation.—Aer Lingus (Irish Air Lines) maintains services from Dublin and Shannon to European countries. Eight foreign air lines operate trans-Atlantic service through Shannon. Aircraft arrivals and departures at Shannon 1947, with 1946 in parentheses: 12,957 (8,432); passengers passing through, 158,167 (96,973). Aircraft arrivals and departures at Dublin airport (Collingstown), 13,308 (7,842); passengers embarked and disembarked, 139,209 (70,082). Passenger-miles flown by Aer Lingus in 9 months ended December 31, 1947, 27,922,000; for year ended March 31, 1947, 16,548,000. Passengers carried in same period, 123,000 and 76,300.

Postal, Telegraph, Telephone, and Radio Statistics

Item	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46
Postal service:								
Number of offices	2, 203	2, 217	2, 219	2, 220	2, 230	2, 233	2, 247	2, 250
Pieces of mail.......thousands	231, 293	225, 132	(1)	191, 848	(1)	(1)	236, 450	(1)
Gross income..1,000 pounds sterling	1, 736	1, 712	1, 576	1, 818	1, 841	1, 988	2, 061	(1)
Telegraph:								
Length of wire.......miles	21, 532	21, 814	21, 061	20, 790	20, 776	20, 803	20, 099	20, 155
Number of messages.......thousands	1, 508	1, 502	1, 441	1, 672	1, 876	2, 061	2, 167	2, 494
Gross income..1, 000 pounds sterling	186	180	190	227	279	320	318	(1)
Telephone:								
Length of wire.......1,000 miles	138	148	151	157	188	192	193	194
Number of subscribers	26, 978	27, 387	27, 870	28, 968	30, 177	31, 168	32, 465	33, 521
Gross income..1, 000 pounds sterling	553	597	648	753	835	886	944	(1)
Wireless licenses issued.......thousands	155	170	184	176	171	173	173	176

[1] Not available.

FOREIGN TRADE

Per capita trade.—1947: General imports, $177.60; exports including reexports, $53.45.

Basis of trade statistics.—Statistics are based on declarations made at ports and land frontier stations; import values c. i. f., export f. o. b.; country of origin for imports and country of final destination (when known, otherwise country of consignment) for exports. Transshipment trade is excluded. Bullion and coin are excluded from totals.

Foreign trade values have been converted to United States dollars from pounds sterling at the following rates: 1934, $5.0393; 1935, $4.9018; 1936, $4.9709; 1937, $4.9440; 1938, $4.8894; 1939, $4.4354; and 1940–47, $4.0300.

Irish statistics of trade with the United States by commodities are not available for 1946 and 1947; for 1937 and 1938 figures, see Foreign Commerce Yearbook, 1939, pp. 66 and 67.

Value of Imports and Exports

Year	Merchandise: Thousands of pounds sterling			Merchandise: Thousands of dollars			Bullion and coin: Thousands of pounds sterling	
	General imports	Exports including reexports	Domestic exports[1]	General imports	Exports including reexports	Domestic exports[1]	Imports	Exports
1934	39,122	[2] 17,925	[2] 17,574	197,146	[2] 90,328	[2] 88,559	106	[2] 123
1935	37,348	[2] 19,920	[2] 19,615	183,072	[2] 97,644	[2] 96,147	116	[2] 147
1936	39,913	22,506	21,971	198,401	111,873	109,215	101	159
1937	44,108	22,849	22,234	218,072	112,965	109,923	116	183
1938	41,414	24,240	23,877	202,490	118,518	116,742	2,161	164
1939	43,415	26,890	26,506	192,564	119,270	117,566	1,154	182
1940	46,790	32,966	32,700	188,565	132,853	131,782	199	56
1941	29,530	31,829	31,733	119,007	128,271	127,883	118	76
1942	34,630	32,665	32,606	139,559	131,641	131,404	141	68
1943	26,359	27,809	27,730	106,227	112,070	111,753	145	48
1944	28,531	29,917	29,799	114,982	120,566	120,092	84	151
1945[3]	41,073	[2] 35,497	[2] 35,237	165,524	[2] 143,051	[2] 142,004	(4)	(4)
1946[3]	72,043	[2] 38,970	[2] 38,575	290,335	[2] 157,050	[2] 155,458	(4)	(4)
1947[3]	131,335	[2] 39,511	[2] 38,568	529,278	[2] 159,230	[2] 155,430	(4)	(4)

[1] All reexports by parcel post credited to domestic exports.
[2] Exports of bullion and coin by parcel post included in merchandise figures.
[3] Figures are provisional.
[4] Not available.

Trade with Principal Countries (Thousands of Dollars)

Country	General imports: 1937	1938	1946[1]	1947[1]	Exports including reexports: 1937	1938	1946[1]	1947[1]
Total, excluding bullion and coin	**218,072**	**202,490**	**290,335**	**529,278**	**112,965**	**118,518**	**[2] 157,050**	**[2] 159,230**
United States	14,371	23,011	34,156	117,933	1,178	579	2,352	1,180
Argentina	11,172	6,902	14,620	18,489	326	130	20	62
Australia	8,413	5,018	691	2,432	44	36	72	75
Belgium	6,143	5,028	3,766	11,799	1,012	457	1,930	7,145
Brazil	642	558	11,518	3,493	16	4	25	53
Canada	9,421	7,592	11,612	22,814	248	157	105	72
Czechoslovakia	1,251	1,067	1,077	5,763	125	34	37	10
Finland	1,885	2,052	1,947	5,701	36	5	68	93
France	2,161	2,724	3,518	8,364	153	360	900	751
Germany	7,077	[3] 7,233	(4)	(4)	4,155	[3] 4,504	(4)	(4)
Great Britain	106,150	99,332	145,229	210,704	91,934	97,327	116,213	110,607
Northern Ireland	2,959	2,814	6,276	8,849	10,695	12,404	28,823	30,421
India, Pakistan, etc.	[5] 8,832	7,918	8,730	17,384	[5] 228	182	559	21
Italy	847	945	2,364	7,767	7	(6)	(6)	126
Netherlands	2,632	2,311	2,645	11,550	504	402	3,335	3,973
Netherlands Antilles	2,133	2,438	5,082	7,928	2	2	2	----
Spain	1,247	874	4,187	6,914	218	158	145	393
Sweden	2,749	2,292	3,059	8,874	133	58	239	221
Other countries	27,987	22,381	29,858	52,520	1,951	1,719	2,225	3,827
Percent of total:								
United States	6.6	11.4	11.8	22.3	1.0	0.5	1.5	0.7
Great Britain	48.7	49.1	50.0	39.8	81.4	82.1	74.0	69.5
Northern Ireland	1.4	1.4	2.2	1.7	9.5	10.5	18.4	19.1

[1] Figures are provisional.
[2] Includes exports of bullion and coin by parcel post.
[3] Includes Austria.
[4] Not available.
[5] Includes Burma.
[6] Less than $500.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
General imports, total, excluding bullion and coin					**218, 072**	**202, 490**	**290, 335**	**529, 278**
Horses[2] number	2, 563	3, 159	2, 534	3, 225	3, 454	3, 751	7, 966	11, 056
Fish 1, 000 lb	19, 269	19, 761	3, 217	7, 411	1, 566	1, 646	432	1, 950
Leather, dressed or undressed do	5, 973	4, 569	4, 665	4, 321	2, 611	2, 151	4, 117	5, 626
Grain and preparations, for food:								
Barley 1, 000 bu	1, 391	1, 039	1, 939	1, 324	1, 298	867	4, 906	3, 270
Corn do	12, 197	14, 213	4, 256	3, 015	9, 350	11, 040	8, 390	6, 370
Wheat do	12, 111	14, 181	2, 499	4, 203	17, 303	14, 903	6, 289	14, 168
Wheat flour 1, 000 cwt	131	113	185	2, 133	410	291	1, 125	17, 033
Other 1, 000 lb	30, 139	21, 222	55, 852	38, 354	993	682	3, 131	3, 422
Fruit, fresh:								
Oranges do	43, 317	40, 761	45, 667	53, 043	1, 463	1, 533	2, 913	3, 627
Other do	41, 263	42, 652	7, 795	20, 201	2, 206	2, 339	814	2, 173
Raisins do	7, 946	8, 950	11, 977	12, 909	561	548	1, 884	2, 163
Fruit, preserved with sweetening matter 1, 000 lb	3, 137	3, 558	465	25, 587	279	288	126	4, 556
Cocoa preparations (bars, blocks, confectionery, etc.) 1, 000 lb	6	6	703	7, 328	4	4	118	4, 044
Tea do	25, 251	22, 676	16, 173	25, 610	9, 177	8, 176	7, 331	15, 986
Sugar (refined and unrefined, except invert) 1, 000 lb	42, 219	86, 214	4, 135	45, 401	787	1, 513	230	4, 421
Sweets, toffee, etc. do	120	165	(3)	10, 233	22	42	(3)	3, 391
Spirits, potable 1,000 pf. gal	280	265	329	692	1, 068	982	1, 962	3, 205
Wines 1,000 gal	643	578	871	731	1, 181	1, 062	2, 652	2, 500
Rubber and manufactures (except apparel)					1, 421	1, 166	2, 545	3, 488
Vegetable oils (except essential) 1, 000 lb	16, 823	15, 062	15, 210	15, 465	1, 093	741	2, 352	4, 773
Seeds for sowing					1, 450	1, 656	2, 362	2, 837
Tobacco, unmanufactured 1,000 lb	9, 334	13, 689	15, 560	14, 417	2, 998	4, 165	9, 325	8, 457
Hops do	4, 347	4, 162	4, 687	3, 573	1, 007	972	3, 530	2, 702
Textile fibers and manufactures (except apparel):								
Wool, raw 1,000 lb	760	748	4, 412	5, 280	281	185	1, 940	2, 531
Wool tops do	360	607	3, 382	3, 656	200	274	2, 625	3, 478
Woolen and worsted yarns do	4, 813	3, 958	947	2, 073	3, 735	2, 831	1, 565	4, 009
Woolen and worsted piece goods, woven 1,000 sq. yd	6, 223	6, 415	3, 508	8, 546	2, 906	2, 583	5, 425	15, 237
Cotton yarns and manufactures (except cordage):								
Yarns 1,000 lb	6, 221	7, 206	3, 225	6, 016	1, 771	1, 792	2, 562	5, 528
Piece goods, woven 1,000 sq. yd	43, 181	35, 729	28, 539	40, 852	6, 178	4, 894	13, 552	20, 445
Other					894	782	2, 224	4, 388
Artificial silk piece goods, woven 1,000 sq. yd	11, 145	8, 876	5, 973	11, 342	1, 771	1, 574	5, 676	10, 364
Other					5, 865	5, 196	8, 441	14, 807
Apparel, including footwear					5, 636	4, 636	15, 451	30, 852
Lumber and timber (including panel wood, veneers and staves)					7, 431	5, 355	2, 866	12, 393
Plywood 1,000 sq. ft	12, 920	15, 289	7, 872	14, 585	389	418	787	1, 917
Paper-making materials long tons	6, 294	6, 529	15, 850	18, 502	336	409	1, 139	2, 051
Paper, cardboard and manufactures:								
Printing paper 1,000 lb	68, 320	67, 094	58, 537	47, 105	1, 830	1, 694	3, 891	3, 950
Cardboard, strawboard, etc., in the piece 1,000 lb	40, 286	33, 209	27, 781	36, 473	1, 296	1, 203	1, 883	3, 193
Other					3, 489	2, 781	4, 468	6, 334
Coal 1,000 long tons	2, 563	2, 484	1, 277	1, 506	16, 467	16, 230	14, 451	36, 842
Gasoline 1,000 bbl	1, 117	1, 173	1, 003	1, 387	3, 759	3, 399	4, 920	6, 525
Illuminating oil do	548	526	459	529	1, 559	1, 477	1, 727	2, 056
Lubricating oil do	76	74	83	94	964	926	1, 506	1, 823
Gas and fuel oil do	277	305	349	1, 228	644	713	1, 269	4, 675
Cement, hydraulic 1,000 long tons	345	203	(4)	5	2, 879	1, 827	(4)	186
Glass and glassware					1, 097	1, 138	1, 504	2, 528
Clay and products					1, 689	1, 493	2, 164	3, 664
Iron and steel and manufactures:								
Bars and rods long tons	30, 964	20, 695	14, 547	16, 992	1, 611	1, 237	1, 461	2, 371
Plates and sheets do	21, 247	20. 767	9, 777	10, 374	1, 934	1, 954	1, 267	1, 612
Railway material (except locomotives) long tons	7, 779	9, 373	5, 066	15, 185	396	547	378	1, 675
Other					7, 147	7, 336	9, 883	14, 158
Nonferrous ores, metals and manufactures					3, 257	3, 174	4, 705	7, 475
Cutlery, hardware and tools					1, 664	1, 594	2, 595	4, 522

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Electrical goods and apparatus					4,573	4,568	5,735	9,991
Machinery:								
Electrical					1,307	1,522	1,610	2,817
Textile and sewing					1,157	1,066	855	1,900
Agricultural and dairy (except tractors)					1,081	900	2,761	3,732
Other					7,484	7,039	9,243	16,783
Tractors, agricultural, complete...number	377	316	1,438	2,993	210	181	1,226	3,439
Passenger cars, complete...do	194	151	349	933	220	180	459	1,889
Motor trucks, complete...do	18	19	790	2,830	27	27	2,699	3,800
Chassis and parts, for road motor vehicles (except steam)					6,688	5,265	8,172	15,818
Parts and accessories, other, except rubber tires and tubes, for road vehicles (except steam)[5]					1,640	1,252	1,589	3,732
Cycle parts and accessories					2,438	1,339	1,578	2,613
Airplanes and parts (except spark plugs)					29	78	1,471	7,588
Tar, pitch, tar and bitumen mixture...long tons	15,153	16,017	50,473	51,536	358	380	1,745	2,121
Chemicals, drugs, perfumery, dyes and colors:								
Medicines and medicinal preparations					1,571	1,534	3,012	3,189
Paints, varnishes, etc					771	687	883	2,289
Other					3,286	3,162	6,481	7,548
Fertilizers...long tons	171,436	170,514	99,558	120,103	2,537	2,629	3,138	4,126
Motion picture films, positives...1,000 lin. ft	[6] 8,241	[6] 7,874	7,571	7,840	[6] 230	[6] 228	1,078	1,674
Printed matter					2,125	2,242	2,095	2,564
Parcel post					4,639	4,647	4,323	10,811
Other merchandise					24,924	23,394	33,357	58,057

[1] Figures are provisional.
[2] Includes horses imported temporarily for racing and breeding purposes and such horses reimported.
[3] Less than one-half the unit.
[4] Not available. [5] Includes parts and accessories for agricultural tractors. [6] Includes negatives.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Domestic exports, total, excluding bullion and coin					**109,923**	**116,742**	**[2] 155,458**	**[2] 155,430**
Cattle...number	711,142	702,290	461,876	482,772	37,077	46,811	55,117	62,984
Sheep and lambs...do	311,433	297,440	62,714	[3] 55,067	2,720	2,337	582	[3] 623
Horses[4]...do	12,002	10,251	25,654	23,807	7,108	7,203	19,492	20,836
Dogs: greyhounds...do	2,290	3,225	10,388	10,477	223	375	4,429	4,283
Bacon...1,000 lb	57,901	61,133	([5])	([5])	8,119	10,788	([5])	([5])
Beef, tinned...do	([5])	([5])	27,231	12,626	([5])	([5])	6,422	3,033
Poultry, killed...do	11,619	11,418	17,345	13,665	1,778	2,090	9,173	7,762
Milk, condensed and dried...do	14,633	13,705	12,934	13,943	829	898	2,007	2,329
Butter...do	42,552	42,276	([5])	([5])	7,858	10,560	([5])	([5])
Fish...do	11,775	9,735	17,003	15,179	867	792	2,197	1,997
Eggs, hen, fresh...1,000 doz	22,921	25,477	18,384	13,113	3,989	5,403	9,497	6,236
Hides and skins					2,388	1,082	1,955	1,185
Fruit, raw...1,000 lb	844	475	21,308	13,499	36	16	1,819	1,327
Confectionery (except cakes, etc.)...do	17	20	7,072	9,361	2	4	1,093	1,903
Ale, beer and porter...1,000 gal	49,353	34,338	31,749	29,808	15,603	10,782	14,526	14,767
Textile fibers and manufactures (except apparel):								
Flax and flax tow...1,000 lb	2,762	1,981	16,389	11,920	375	262	4,602	3,087
Wool, raw...do	12,422	12,124	8,355	8,749	3,873	2,301	2,859	3,508
Other					1,539	1,234	3,274	4,657
Apparel, including footwear					176	132	465	436
Parcel post[6]					1,203	1,184	2,578	1,690
Other merchandise					14,160	12,488	13,371	12,787
Reexports, excluding bullion and coin[6]					3,041	1,775	1,592	3,800

[1] Figures are provisional. [2] Includes exports of bullion and coin by parcel post. [3] Incomplete.
[4] Includes horses exported temporarily for racing and breeding purposes and horses reexported.
[5] Not available.
[6] All reexports of parcel post credited to domestic exports.

FINANCE

Government receipts and expenditures.—Actual revenue for the fiscal year 1947–48, with 1946–47 in parentheses, £65,197,845 (£54,352,865); expenditures, £65,164,668 (£58,864,836).

Public debt.—Gross public debt, March 31, 1948, £104,800,000; March 31, 1947, £100,800,000.

Banking.—Deposit and credit accounts of Irish banks 1947, with 1946 in parentheses, £373,760,317 (£351,903,883); advances and bills discounted, £131,591,145 (£94,875,654); net profits, £1,306,345 (£1,235,775); note circulation, £15,450,975 (£17,848,428); total assets, £421,951,909 (£400,378,546); clearance of notes, bills, and checks, weekly average, £13,000,000 (£10,500,000).

Currency and exchange.—The basic monetary unit is the Irish pound. Currency is tied up with pound sterling through convertibility into British legal tender. Since September 1939 rigid measures of exchange control have been imposed, and imports require a permit from the Department of Finance for payment in foreign currency.

PRINCIPAL SOURCES

Irish Trade Journal and Statistical Bulletin.
Ireland, Statistical Abstract.
Ireland, Trade and Shipping Statistics.
Ireland, Trade Statistics.

ITALY

(See general explanatory note, p. vi)

GEOGRAPHICAL NOTE

Under the Peace Treaty signed in 1947, Italy's major territorial loss, other than the African colonies and the Dodecanese Islands, consisted of something over 3,000 square miles of the former compartment of Venezia Giulia (including most of the two Provinces of Trieste and Gorizia). The city of Trieste and about 300 square miles surrounding it went to form the new Free Territory of Trieste, while the remainder was ceded outright to Yugoslavia. What was left of Venezia Giulia was incorporated with part of the compartment of Veneto to form the new "region" of Friuli-Venezia Giulia.

The geographical divisions formerly called "compartments" are, under the new Constitution of December 27, 1947, now designated as "regions" and have been given a certain measure of autonomy, particularly the region of Sicily. A new region of Valle d'Aosta has been created out of part of the former compartment of Piemonte; Lucania has been redesignated as Basilicata, Emilia, as Emilia-Romagna, and Venezia Tridentina, as Trentino-Alto Adige.

AREA AND POPULATION

Area, 116,224 square miles (prewar, 119,764). Population, persons present, April 1936 census figure, 42,444,588. This does not take into account 474,138 workers and soldiers in North African services. Total resident population, present boundaries: Estimate of January 1, 1948, 46,110,000; 1936 census, 42,127,000; 1931, 40,769,000; 1921, 37,594,000; 1911, 36,669,000; 1901, 33,580,000; 1881, 29,629,000; boundaries at time of respective censuses: 1936, 42,994,000; 1931, 41,652,000; 1921, 38,449,000; 1911, 35,845,000; 1901, 32,966,000; 1881, 28,953,000.

Distribution, 1936 census (present boundaries): Communes of 2,000 or under, 8.1 percent; 2,001 to 5,000, 21.6 percent; 5,001 to 10,000, 19.5 percent; 10,001 to 30,000, 20.4 percent; over 30,000, 30.4 percent.

Occupations: Population 10 years of age and up, 1936 census, 33,728,406 (16,166,621 males and 17,561,785 females). Total engaged in economic activities, 1947 estimate, with 1936 census figures in parentheses, 18,611,000 (18,343,000), of which, males 12,955,000 (13,098,000) and females 5,656,000 (5,245,000); principal branches of activity: agriculture, 8,909,000 (8,756,000); hunting and fishing, 88,000 (86,000); industry, 4,486,000 (5,375,000); transportation and communication, 828,000 (702,000); trade, 1,990,000 (1,504,000); banking and insurance, 147,000 (100,000); liberal arts, 151,000 (143,000); public administration, 1,147,000 (809,000); private administration, 87,000 (81,000); religion, 136,000 (126,000); domestic service, 642,000 (661,000); percent agricultural, 47.9 (47.7).

Cities (including suburbs) of 100,000 population (persons resident), January 1, 1948, estimate, with 1936 census figures in parentheses: Rome (Roma), 1,597,000 (1,150,589); Milan (Milano), 1,268,000 (1,115,848); Naples (Napoli), 1,015,000 (865,913); Turin (Torino), 707,000 (629,115); Genoa (Genova), 663,000 (634,646); Palermo, 465,000 (411,879); Florence (Firenze), 371,000 (321,176); Bologna, 321,000 (281,162); Venice (Venezia), 303,000 (264,027); Catania, 283,000 (244,972); Bari, 261,000 (197,918); Messina, 219,000 (192,051); Verona, 181,000 (153,708); Taranto, 165,000 (117,722); Padua (Padova), 162,000 (138,709); Reggio di Calabria, 144,000 (119,804); Brescia, 143,000 (123,332); Cagliari, 136,000 (103,670); Leghorn (Livorno), 135,000 (124,963); Ferrara, 135,000 (119,265); La Spezia, 117,000 (106,119).

Education.—School enrollment, 1945–46, with 1936–37 figures in parentheses: Elementary, 4,359,639 (5,186,781); secondary, 891,104 (791,460); higher education, 189,665 (71,512).

AGRICULTURE

Land distribution.—1944-45: Arable land, 43.0 percent (32,009,581 acres), permanent meadows and pastures, 18.0 percent; special wooded growths (including vineyards and orchards), 7.7 percent; forests and chestnut groves, 18.3 percent; uncultivated productive, 5.2 percent; unproductive, 7.8 percent.

Livestock (thousands).—1947 data, with 1942 census figures in parentheses: Cattle, 7,263 (8,372); sheep, 8,315 (9,422); swine, 3,891 (3,725); goats, 1,771 (1,727); horses, 691 (770); mules and asses, 840 (995).

Forest products.—1946-47, with yearly average for 1935–36 through 1938–39 in parentheses (excluding the Province of Gorizia): Softwood, 64,708,623 cubic feet (55,283,563); hardwood, 65,711,340 cubic feet (56,175,216); firewood, 5,140,500 metric tons (3,390,800); charcoal, 537,100 metric tons (556,800); cork, 8,567 metric tons (10,562); resins, 1,342 metric tons (50).

Fishing.—1947 catch, in metric tons: Anchovies, sardines, and mackerel, 50,330; tuna, 2,178; other fish, 71,250; mollusks, etc., 8,930; crustaceans, 4,457.

Principal Crops: Area and Production

Crop	Area (thousands of acres)			Production (thousands of units—bushels, except as indicated)		
	1936–39[1] average	1946	1947	1936–39[1] average	1946	1947
Wheat	12,644	11,421	11,117	277,562	225,099	171,733
Oats	1,065	1,095	1,189	38,980	31,733	30,754
Rice	368	289	326	36,455	23,932	30,208
Corn	3,605	3,111	3,039	116,633	74,721	75,729
Potatoes	996	983	1,033	100,042	84,055	103,051
Tomatoes	141	170	178	[2] 2,099,882	[2] 1,837,534	[2] 2,194,900
Cabbage and cauliflower	143	183	190	[2] 1,604,508	[2] 2,052,924	[2] 2,135,155
Hemp	210	141	148	[2] 241,845	[2] 120,592	[2] 134,922
Sugar beets	334	250	274	[3] 3,272	[3] 2,317	[3] 2,231
Forage crops	[4] 22,610	[4] 22,879	[4] 23,042	[3 5] 30,475	[3 5] 23,537	[3 5] 25,067
Grapes[6]	9,595	9,568	9,506	[3] 6,140	[3] 5,690	[3] 5,342
Wine	---	---	---	[7] 1,007,176	[7] 887,952	[7] 841,616
Olives[6]	5,335	5,456	5,463	[3] 1,425	[3] 854	[3] 1,550
Olive oil	---	---	---	[7] 67,632	[7] 38,464	[7] 75,746
Citrus fruits[6]	314	334	336	[3] 738	[3] 639	[3] 694
Apples[6]	3,926	3,939	3,877	[3] 288	[3] 299	[3] 484

[1] Adjusted to present boundaries.
[2] Unit, pound.
[3] Unit, metric ton.
[4] Includes permanent pastures.
[5] In hay equivalent; includes forage byproducts of other crops.
[6] Includes cultivation on land also devoted to one or more other crops.
[7] Unit, gallon.

MINING AND MANUFACTURING

Mineral and Metal Production (Metric Tons)

Product	1938	1939	1940	1946	1947
Bauxite[1]	9, 480	94, 699	166, 491	65, 447	167, 719
Antimony ore	5, 139	4, 074	5, 328	3, 277	4, 448
Arsenic ore	18, 264	17, 079	9, 158	5, 686	9, 822
Iron ore[1]	989, 793	947, 594	1, 178, 472	131, 617	225, 936
Ferromanganese ore	15, 670	12, 180	13, 960	18, 155	20, 542
Manganese ore	48, 292	44, 986	50, 986	7, 919	26, 815
Mercury ore[1]	156, 606	141, 994	181, 512	151, 255	159, 632
Lead ore	67, 493	74, 270	75, 030	23, 672	37, 287
High-grade zinc ore	154, 886	175, 148	154, 223	42, 279	96, 584
Low-grade zinc ore	45, 962	53, 548	57, 288	19, 967	19, 585
Boric acid	6, 167	6, 453	6, 576	4, 323	4, 986
Asbestos and asbestos rock	503, 201	568, 332	678, 547	(2)	(2)
Barytes	48, 169	53, 893	31, 870	24, 861	65, 798
Feldspar	13, 391	12, 473	10, 538	6, 244	10, 727
Fluorine	12, 186	13, 243	16, 320	7, 806	19, 760
Graphite	5, 485	5, 715	4, 996	2, 593	4, 151
Pyrites[3]	930, 312	977, 669	1, 060, 568	400, 519	628, 799
Petroleum	13, 220	12, 045	11, 167	10, 781	10, 461
Natural gas[4]	604, 265	714, 198	980, 540	2, 263, 512	3, 284, 628
Asphaltic and bituminous rock	258, 047	236, 569	221, 256	204, 475	249, 783
Brown coal (including Picea lignite)	168, 767	225, 865	353, 588	416, 362	481, 449
Anthracite coal	132, 197	107, 255	162, 152	104, 989	115, 731
Bituminous coal (Sulcis)	465, 772	911, 279	1, 295, 779	1, 031, 480	1, 202, 338
Lignite (Xiloid)[1 5]	704, 183	872, 540	1, 763, 366	1, 146, 091	1, 408, 859
Sulfur	2, 363, 896	2, 237, 643	2, 135, 019	1, 053, 221	1, 087, 946
Marble in blocks[1]	323, 089	297, 031	209, 160	137, 458	220, 138
Pig iron[6]	862, 829	1, 008, 490	1, 044, 811	176, 694	318, 005
For steel-making	685, 176	779, 286	823, 771	107, 582	238, 944
For foundries	177, 653	229, 204	221, 040	69, 112	79, 061
Crude steel	2, 322, 856	2, 283, 438	2, 257, 783	1, 153, 293	1, 703, 827
Ingots	2, 239, 855	2, 178, 163	2, 137, 968	1, 094, 587	1, 625, 306
Castings	83, 001	105, 275	119, 815	58, 706	78, 521
Hot-rolled steel	1, 734, 565	1, 692, 263	1, 618, 521	879, 819	1, 246, 669
Shapes	608, 066	601, 535	629, 125	438, 382	588, 833
Bars and strips	169, 684	164, 094	165, 530	110, 774	139, 218
Plate and sheet	467, 350	482, 426	445, 306	199, 630	311, 939
Seamless tubing	127, 309	130, 345	164, 793	77, 843	125, 982
Other rolled products	362, 156	313, 863	213, 767	53, 190	80, 697
Other finished steel	(2)	(2)	(2)	65, 640	89, 280
Ferroalloys and correctives	65, 806	90, 112	79, 560	27, 841	65, 936
Common ferroalloys	(2)	(2)	(2)	13, 559	40, 420
Special correctives	(2)	(2)	(2)	273	715
Special pig iron	(2)	(2)	(2)	14, 009	24, 801
Aluminum[7]	25, 767	34, 236	38, 790	11, 040	25, 064
Silver[7]	25	21	23	(2)	(2)
Mercury[1]	2, 027	1, 995	2, 719	1, 752	1, 858
Lead[7]	44, 031	38, 818	36, 909	14, 010	17, 543
Copper[7]	2, 963	2, 577	2, 440	526	529
Zinc[7]	33, 637	35, 398	39, 338	15, 262	24, 077

[1] Excluding production of Venezia Giulia.
[2] Data not available.
[3] Including ore with minor copper content.
[4] In thousands of cubic meters.
[5] On basis of 20 percent water content.
[6] Excluding alloys.
[7] Primary production only.

Electric power (million kilowatt-hours).—Consumption, 1947, 20,716; 1946, 17,561; 1938, 15,788; of which imported from Switzerland, 1947, 142; 1946, 76; 1938, 244.

Petroleum refining, 1947.—Production, 1,284,370 metric tons, of which gasoline, 300,776; kerosene, 124,080; gas oil, 308,991; residual fuel oil, 466,215; petroleum coke, 19,028; asphalt, 39,324; other distillates, 4,938; lubricants, 6,161; solvents, 6,851; aqua regia, 6,975; miscellaneous products, 1,031.

Distillation of coal, 1947.—Coal consumed, 2,306,532 metric tons. Production of coke, 1,626,480 metric tons; gas, 43,215,750,000 cubic feet; tar, 64,252 metric tons; crude benzol and light oils, 10,136 metric tons. Secondary products (metric tons), from crude benzol and light oils, benzol, 5,790; toluol, 483, xylol, 226; solvents, 3,460; from the distillation of coal-tar, light oils, 568; medium oils, 13,418; heavy oils and anthracene, 14,413; pitch, 20,190; naphthalene, 6,650.

Chemical industry.—Principal products (metric tons), 1945, with 1938 figures in parentheses: Acetone, 1,018 (2,262); crude boric acid, 3,120 (6,283); citric acid, 1,252 (3,603);

hydrochloric acid, 10,458 (54,785); nitric acid, 42,175 (304,521); sulfuric acid, 164,750 (1,470,135); alumina (Al_2O_3 equivalent), 4,261 (91,994); synthetic ammonia, 16,931 (113,201); carbon dioxide (liquid), 1,586 (4,523); carbon dioxide (solid), 138 (1,028); sodium carbonate, 79,068 (351,780); calcium carbide, 11,893 (134,862); synthetic organic colors, 2,306 (10,678); calcium cyanamid, 1,024 (149,671); ammonium nitrate (30–35%), 1,334 (9,374); ammonium nitrate (granular), 3,962 (40,239); calcium nitrate, 20,119 (139,535); ammonium sulphate, 23,262 (209,619); superphosphates, 176,448 (1,405,863); caustic soda (100%), 20,439 (165,019); aluminum sulphate, 2,030 (12,867); copper sulphate, 7,412 (124,843); carbon disulphide, 2,972 (48,576).

Industrial Census, 1937–39

Industry group	Number of active establishments	Wage earners	Value of products (million lire)	Value added (million lire)
Extractive	11, 056	120, 709	1, 178. 2	1, 036. 2
Woodworking	123, 162	130, 920	2, 178. 4	980. 4
Food processing	292, 906	361, 721	27, 627. 2	5, 214. 0
Metallurgical	549	94, 252	9, 018. 7	2, 074. 3
Mechanical	100, 398	676, 916	18, 830. 6	8, 457. 5
Nonmetallic minerals	19, 417	175, 895	2, 426. 9	1, 015. 8
Construction	64, 055	480, 627	4, 687. 7	2, 431. 0
Chemical	6, 981	107, 684	9, 173. 8	3, 575. 3
Paper	1, 992	52, 135	1, 526. 0	559. 1
Printing	11, 510	53, 587	76. 5	46. 8
Leather and fur	123, 804	77, 231	2, 608. 1	894. 2
Textile	36, 789	573, 726	17, 189. 6	4, 889. 2
Clothing	168, 451	105, 095	2, 356. 9	920. 3
Phonograph, radio, and movie	64	1, 349	47. 7	19. 3
Miscellaneous	3, 401	108, 893	2, 433. 2	1, 075. 8
Production and distribution of electricity	8, 756	35, 356	762. 4	456. 8
Total	973, 291	3, 156, 096	102, 121. 9	33, 646. 0

TRANSPORTATION AND COMMUNICATION

Statistics of Government Railways

Item	1938	1939	1940	1941	1942	1946[1]	1947[1,2]
Total length of line, end of year......miles..	10, 551	10, 551	10, 581	10, 629	10, 673	9, 635	9, 812
Electrified......do....	2, 989	3, 207	3, 215	3, 371	3, 441	2, 674	2, 937
Passenger train-miles......thousands..	76, 766	83, 206	74, 350	60, 535	49, 590	23, 291	39, 655
Freight train-miles......do....	37, 784	40, 325	50, 368	60, 734	62, 740	22, 429	28, 915
Coal consumption......1,000 metric tons..	1, 833	1, 660	1, 710	2, 408	2, 362	1, 333	1, 528
Electricity consumption..1,000,000 kw.-hr..	928	1, 199	1, 418	1, 540	1, 574	556	846
Cars loaded[3]......thousands..	4, 830	5, 235	5, 888	6, 319	5, 907	2, 138	2, 734
Freight carried[3]......1,000 metric tons..	46, 566	51, 624	64, 211	68, 997	68, 672	28, 944	35, 303
Passengers carried......millions..	108. 8	111. 8	126. 1	211. 5	268. 4	264. 0	314. 2
Passenger miles......do....	7, 095	7, 867	9, 532	12, 138	16, 463	12, 881	12, 905
Gross receipts......1,000,000 lire..	3, 894	4, 464	6, 126	8, 470	10, 474	31, 984	75, 916
Passenger receipts......do....	1, 485	1, 823	1, 959	2, 524	3, 738	15, 577	35, 052
Freight receipts......do....	2, 409	2, 641	4, 167	5, 946	6, 736	16, 407	40, 864
Rolling stock, end of year:							
Total locomotives and self-propelled cars......number.	6, 205	6, 426	6, 537	6, 593	6, 689	6, 481	6, 406
In condition to operate......do....	5, 508	5, 677	5, 739	5, 975	6, 040	3, 527	3, 717
Electric locomotives, etc......do....	1, 348	1, 576	1, 640	1, 675	1, 762	1, 678	1, 699
In condition to operate......do....	1, 227	1, 424	1, 488	1, 541	1, 597	1, 047	1, 146
Passenger cars......do....	6, 922	7, 600	7, 967	7, 975	7, 967	5, 182	5, 501
Freight cars......do....	126, 916	128, 824	129, 127	132, 744	138, 740	119, 258	120, 272
Baggage and mail cars......do....	4, 506	4, 484	4, 464	4, 448	4, 436	2, 767	2, 079

[1] Excluding Venezia Giulia.
[2] Provisional data.
[3] Excluding freight for railroads' own account.

Private railways, 1945, with 1938 figures in parentheses.—Length of line, end of year, 2,955 miles (3,712), of which 799 (1,136) electrified; passengers (thousands), 220,027 (101,971); passenger receipts (thousands of lire), 1,834,111 (156,353); freight (thousands of metric tons), 4,699 (8,765); freight receipts (thousands of lire), 449,217 (93,462).

Interurban tramways, 1945, with 1938 figures in parentheses.—Length of line, end of year, 1,182 miles (1,523); passengers (millions), 292 (171); passenger receipts (thousands of lire), 1,202,200 (136,200); freight (thousands of metric tons), 700 (1,900); freight receipts (thousands of lire), 68,500 (17,500).

Interurban bus lines, 1945, with 1938 figures in parentheses.—Length of line, end of year, 54,171 miles (72,439); passengers (thousands), 37,200 (66,500); passenger receipts (thousands of lire), 1,669,300 (207,500).

Automotive vehicles registered, end of 1947, with 1938 figures in parentheses.—Passenger cars, 303,836 (337,411); busses, 10,632 (9,704); trucks, 232,541 (109,693); trailers, 33,601 (15,288); truck tractors, 2,581 (951).

State highways.—December 31, 1942 (excluding Trieste and Zara areas), 12,380 miles.

Merchant Marine (End of Year)

Item	1939	1940	1941	1942	1946	1947
Vessels.....number	3,727	3,744	3,651	3,571	3,215	3,698
Power vessels.....do	1,360	1,341	1,246	1,129	646	901
Sailing.....do	2,367	2,403	2,405	2,442	2,569	2,797
Capacity.....1,000 gross tons	3,537	3,497	3,044	2,564	1,266	1,979
Power vessels.....do	3,394	3,352	2,905	2,431	1,160	1,863
Sailing.....do	143	145	139	133	106	116

Principal ports.—Genoa, Venice, Savona, Naples, Leghorn, Civitavecchia, Cagliari, Palermo, Ancona, Bari.

Port Movement

Item	Arrivals				Departures			
	Total		Italian flag		Total		Italian flag	
	1938	1947[1]	1938	1947[1]	1938	1947[1]	1938	1947[1]
Number of ships, total	261,542	118,647	254,104	113,200	261,390	118,022	253,955	112,645
Arrivals and departures[2]	11,867	6,139	7,288	2,540	11,498	6,040	6,907	2,490
Arrivals and departures, other[3]	7,194	1,864	4,609	596	8,196	2,059	5,563	822
Coastwise traffic[4]	242,481	110,644	242,207	110,064	241,696	109,923	241,485	109,333
Passengers (thousands), total	4,688	3,241	4,543	3,206	4,698	3,218	4,564	3,159
Arrivals and departures[2]	231	50	166	19	221	79	162	29
Arrivals and departures, other[3]	38	13	38	10	51	16	50	7
Coastwise traffic[4]	4,419	3,178	4,339	3,177	4,426	3,123	4,352	3,123
Freight (1,000 metric tons), total	30,353	25,787	23,506	11,203	13,759	6,096	12,553	5,054
Arrivals and departures[2]	17,179	19,092	11,236	5,516	1,659	982	799	234
Arrivals and departures, other[3]	2,696	1,218	1,813	334	1,568	282	1,237	84
Coastwise traffic[4]	10,478	5,477	10,457	5,353	10,532	4,832	10,517	4,736

[1] Provisional data; does not include Allied Military or UNRRA shipping.
[2] Directly from or to foreign ports.
[3] Arrivals from and departures abroad other than at first Italian port of call or last port of departure.
[4] Excluding local and port traffic (1947 figures also exclude Messina Straits traffic).

Postal, Telegraph, and Telephone Statistics

[Data for fiscal years ending June 30]

Item	1938-39	1939-40	1940-41	1941-42	1946-47
Postal service:					
Registered letters ... thousands	67, 318	70, 407	68, 683	79, 640	61, 876
Insured letters ... do	2, 465	3, 594	2, 956	3, 561	1, 090
Special delivery ... do	12, 870	16, 510	24, 275	43, 326	24, 829
Packages ... do	14, 492	15, 614	17, 251	18, 974	(1)
Gross receipts[2] ... 1,000,000 lire	777	866	989	1, 103	7, 679
Money orders (including telegraphic):					
Number ... thousands	18, 426	21, 012	24, 634	24, 829	11, 825
Gross receipts ... 1,000,000 lire	27	30	43	53	265
Telegraph service:					
Length of line ... miles	41, 286	41, 565	42, 727	43, 643	37, 207
Length of wire ... do	340, 131	348, 730	366, 618	376, 044	225, 746
Submarine cable ... do	4, 858	4, 785	4, 796	5, 032	4, 306
Messages sent ... thousands	28, 487	33, 285	37, 040	40, 630	26, 729
Gross receipts ... 1,000,000 lire	107	134	152	195	2, 918
Telephone service:					
Long-distance calls (domestic) ... thousands	37, 916	43, 868	43, 602	53, 396	(3)
Subscribers ... do	450. 4	487. 1	517. 1	585. 1	(4)

[1] Not available.
[2] Including receipts from ordinary mail.
[3] Not available; 1945-46, 48,279.
[4] Not available; 1945-46, 573.9.

FOREIGN TRADE

Per capita trade.—1947: Imports, $33.10; exports, $16.30.

Basis of trade statistics.—Imports are for consumption or processing; exports are domestic or nationalized goods. Both quantities and values are based on declarations; import values c. i. f., export f. o. b. port or frontier. Country of origin and consumption shown where possible; otherwise, country of consignment or last-known destination.

Foreign trade values have been converted from lire to United States dollars at the following rates: 1934, $0.08512; 1935, $0.08247; 1936, $0.0706; 1937, $0.0526; 1938, $0.0526; 1939, $0.0520; 1940, $0.0505; 1941, $0.0507; 1942, $0.0526; 1947, imports $0.003665, exports, $0.003629. Exchange rates for the 1939–47 period are approximate.

Value of Imports and Exports

Year	Thousands of lire		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	7, 675, 418	5, 224, 106	657, 169	447, 288
1935	7, 789, 957	5, 238, 237	642, 438	431, 997
1936	6, 039, 288	5, 542, 148	426, 374	391, 276
1937	12, 943, 385	10, 443, 697	733, 422	549, 338
1938	11, 273, 085	10, 497, 478	592, 964	552, 167
1939[1]	10, 309, 520	10, 823, 075	536, 095	562, 800
1940[1]	13, 220, 285	11, 518, 922	667, 624	581, 706
1941[1]	11, 467, 188	14, 514, 402	581, 386	735, 880
1942[1]	14, 037, 770	16, 047, 317	738, 387	844, 089
1943, January-June[1]	8, 571, 207	8, 076, 223	450, 845	424, 809
1947[1]	413, 804, 390	205, 677, 083	1, 516, 593	746, 402

[1] Provisional figures.

Trade with Principal Countries (Thousands of Dollars)

Country	Imports for consumption			Exports of Italian products		
	1937	1938	1947	1937	1938	1947
Total	**733, 422**	**592, 964**	**1, 516, 593**	**549, 338**	**552, 167**	**746, 402**
United States	80, 955	70, 398	649, 152	41, 219	41, 148	46, 747
Argentina	55, 427	14, 416	77, 184	21, 174	21, 312	61, 625
Brazil	8, 559	7, 316	40, 508	4, 461	5, 170	18, 391
Belgium and Luxembourg	10, 109	9, 183	48, 618	7, 216	7, 096	23, 310
Czechoslovakia	14, 462	13, 368	33, 870	7, 252	7, 149	25, 741
France	25, 802	13, 370	16, 474	23, 247	17, 244	18, 898
Germany	[1] 174, 667	[1] 158, 654	18, 649	[1] 94, 313	[1] 105, 324	7, 507
Hungary	21, 575	9. 968	3, 228	10, 599	8, 787	3, 099
Netherlands	6, 273	7, 135	20, 943	6, 919	7, 853	28, 922
Poland and Danzig	15, 603	16, 840	6, 908	5, 409	6, 037	1, 883
Rumania	20, 760	13, 333	1, 114	6, 775	7, 350	262
Spain	6, 348	9, 309	12, 973	2, 958	5, 585	3, 213
Sweden	8, 765	11, 110	30, 374	5, 663	7, 193	46, 692
Switzerland	21, 686	19, 802	54, 370	26, 731	26, 060	83, 192
United Kingdom	29, 498	38, 267	32, 473	33, 722	30, 871	67, 849
Yugoslavia	13, 378	8, 150	21, 757	10, 126	11, 681	16, 742
India	25, 860	13, 491	20, 160	7, 575	8, 485	20, 139
Malaya	13, 456	11, 018	4, 705	1, 129	1, 076	3, 413
Turkey	5, 252	9, 975	21, 890	6, 775	5, 199	26, 866
Australia	24, 984	11, 347	48, 524	3, 221	3, 476	7, 832
Egypt	12, 656	9, 399	42, 074	16, 200	14, 019	32, 382
Ethiopia	3, 794	1, 708	4, 533	15, 727	15, 510	1, 083
Union of South Africa	4, 310	5, 538	43, 873	4, 941	4, 885	13, 093
Eritrea	5, 755	1, 250	5, 028	83, 457	69, 718	2, 034
Libya	4, 782	2, 918	966	20, 829	27, 676	753
Italian Somaliland	3, 404	4, 258	668	11, 811	11, 431	153
Other countries	115, 302	101, 443	255, 577	69, 889	74, 832	184, 581
Percent of total:						
United States	11. 0	11. 9	42. 8	7. 5	7. 5	6. 3
Argentina	7. 6	2. 4	5. 1	3. 9	3. 9	8. 3
France	3. 5	2. 3	1. 1	4. 2	3. 1	2. 5
Germany	23. 8	26. 8	1. 2	17. 2	19. 1	1. 0
Switzerland	3. 0	3. 3	3. 6	4. 8	4. 7	11. 1
United Kingdom	4. 0	6. 5	2. 1	6. 1	5. 6	9. 1
Eritrea	. 8	. 2	. 3	15. 2	12. 6	. 3
Libya	. 7	. 5	. 1	3. 8	5. 0	. 1

[1] Includes Austria.
NOTE.—Figures do not include gold and monetary gold and silver.

Imports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1947	1937	1938	1947
Imports for consumption, total[1]				**733, 422**	**592, 964**	**1, 516, 593**
Live animals ... 1,000 lb	211, 933	55, 666	24, 460	17, 246	5, 250	9, 862
Meat and meat products ... do	107, 276	84, 736	61, 729	9, 308	7, 975	16, 274
Milk and dairy products ... do	18, 382	16, 116	21, 638	3, 660	3, 149.	6, 050
Fish and fish products ... do	211, 772	217, 444	230, 789	12, 978	12, 870	45, 158
Table beverage materials; spices; sugar and related products ... 1,000 lb	168, 339	232, 078	263, 732	14, 367	12, 007	52, 749
Grains and preparations; leguminous plants and potatoes ... 1,000 long tons	1, 914	503	2, 180	83, 489	21, 503	283, 555
Vegetables, other; fruits ... 1,000 lb	89, 401	129, 582	25, 298	3, 718	4, 955	2, 641
Beverages ... do	10, 318	9, 852	12, 231	728	608	2, 589
Salt, tobacco and manufactures ... do	9, 114	12, 438	30, 708	2, 314	3, 897	30, 283
Oilseeds and oil cake ... do	936, 796	470, 933	178, 742	29, 704	12, 652	18, 013
Animal and vegetable oils and fats; waxes ... 1,000 lb	174, 732	212, 775	82, 190	16, 094	15, 617	29, 760
Hemp, flax, jute and other vegetable fibers and manufactures ... 1,000 lb	132, 889	128, 550	50, 959	7, 803	7, 050	9, 361
Cotton and manufactures ... do	391, 186	371, 762	472, 922	60, 158	47, 507	151, 490
Wool, hair and manufactures ... do	104, 114	86, 506	309, 217	36, 857	26, 430	119, 308
Silk and manufactures ... do	4, 403	3, 261	1, 431	2, 810	2, 554	1, 331
Synthetic fibers and manufactures ... 1,000 lb	2, 842	3, 091	5, 809	2, 453	2, 839	2, 760

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1947
Imports for consumption—Continued						
Wearing apparel and other sewn articles 1,000 lb..	950	1,477	4,475	1,808	1,587	1,608
Ores and dross 1,000 long tons..	300	478	108	5,161	6,332	3,487
Iron, steel and manufactures 1,000 lb..	808	894	383	41,975	40,945	36,129
Copper and copper alloys and manufactures 1,000 lb..	180,100	179,527	141,099	25,180	19,831	26,758
Other base metals and manufactures do....	52,974	46,918	48,142	12,314	10,091	12,471
Miscellaneous manufactures of base metals 1,000 lb..	979	818	24	1,142	974	91
Machinery and apparatus long tons..	40,357	51,588	7,668	31,530	39,921	9,714
Tools and implements do....	2,109	1,684	640	2,592	2,322	1,358
Scientific instruments; watches and clocks 1,000 lb..	1,777	1,759	604	10,000	10,280	10,298
Arms and munitions long tons..	1,908	1,961	580	1,599	431	317
Vehicles do....	88,194	89,655	323,992	7,211	9,895	60,219
Stone, earths and nonmetallic minerals 1,000 long tons..	14,137	13,193	9,726	104,215	103,102	206,128
Brick and tiles; cement long tons..	30,544	38,602	77,634	1,402	1,964	2,698
Glass and products 1,000 lb..	10,803	12,317	19,425	1,820	2,002	2,866
Ceramic products, other do....	8,225	7,932	536	1,882	1,770	168
Asbestos, graphite, mica and manufactures 1,000 lb..	28,973	27,992	12,302	2,138	2,270	1,387
Wood, cork and manufactures long tons..	920,493	639,665	343,254	18,802	14,148	23,633
Straw and other plaiting materials and manufactures 1,000 lb..	5,723	8,818	1,153	312	372	159
Amber, ivory and manufactures; plastic materials and manufactures 1,000 lb..	38,431	46,158	13,589	1,935	1,913	1,628
Petroleum and products; gums and resins 1,000 long tons..	2,625	2,660	3,587	52,467	48,093	115,774
Essential oils; perfumery and soap; candles 1,000 lb..	3,263	2,817	22,220	1,120	1,046	6,667
Chemicals, inorganic do....	49,484	37,670	64,939	2,830	2,235	5,475
Chemicals, organic do....	36,378	35,719	34,493	5,358	4,864	11,492
Fertilizers, chemical long tons..	344,322	181,448	125,035	10,378	5,644	6,301
Drugs and pharmaceuticals 1,000 lb..	7,196	6,517	7,758	4,053	5,027	6,066
Dyeing and tanning materials; dyes and varnishes 1,000 lb..	93,521	90,439	26,786	6,055	5,874	8,384
Hides and skins; leather and manufactures except footwear; furs and manufactures 1,000 lb..	75,587	54,824	99,099	24,800	14,741	46,596
Rubber and manufactures do....	67,223	91,030	107,470	13,091	11,428	25,677
Paper, cardboard and manufactures; books, pictures and other printed matter 1,000 lb..	605,555	628,390	444,507	22,649	24,941	45,111
Musical instruments do....	450	489	11	274	328	20
Precious stones; silver, platinum and manufactures of precious metals 1,000 lb..	926	101	82	2,947	1,589	1,608
Footwear, hats, notions and novelties, etc. 1,000 lb..	432	448	1,545	769	754	2,130
Toys, brushes and miscellaneous small articles 1,000 lb..	1,612	1,596	64	2,502	2,661	243
Miscellaneous vegetable products do....	95,565	73,177	95,949	2,788	2,419	9,554
Miscellaneous animal products do....	6,202	5,007	6,504	667	753	2,217
Miscellaneous products long tons..	23,609	19,287	28,601	3,969	3,554	11,638
Gold and monetary gold and silver [1] 1,000 troy oz..	(2)	(2)	4	30	98	147

[1] Totals do not include gold and monetary gold and silver.
[2] Reported in value only.

Exports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1947	Value (thousands of dollars) 1937	Value (thousands of dollars) 1938	Value (thousands of dollars) 1947
Domestic exports, total[1]				549, 338	552, 167	746, 402
Live animals……1, 000 lb..	2, 961	5, 132	132	689	846	179
Meat and meat products……do….	13, 164	13, 609	2, 061	3, 393	3, 467	1, 392
Milk and dairy products……do….	63, 966	66, 065	3, 545	12, 963	13, 511	3, 094
Fish and fish products……do….	10, 057	8, 713	796	1, 861	1, 766	409
Table beverage materials, spices; sugar and related products……1, 000 lb..	59, 008	38, 565	1, 003	4, 154	3, 529	890
Grains and preparations; leguminous plants and potatoes……1, 000 long tons..	534	461	5	28, 401	29, 979	1, 174
Vegetables, other; fruits……1, 000 lb..	2, 071, 297	2, 096, 008	1, 259, 686	84, 342	95, 893	109, 146
Beverages……do….	563, 403	450, 821	108, 563	18, 469	18, 360	16, 124
Salt; tobacco and manufactures……do….	482, 338	635, 350	680, 516	5, 143	6, 152	2, 039
Oilseeds and oil cake……do….	210, 795	48, 393	5, 426	3, 101	1, 020	413
Animal and vegetable oils and fats; waxes 1, 000 lb..	53, 131	67, 051	5, 915	9, 326	10, 089	5, 361
Hemp, flax, jute and other vegetable fibers and manufactures……1, 000 lb..	152, 973	138, 530	53, 565	21, 562	19, 707	21, 617
Cotton and manufactures……do….	154, 077	144, 672	68, 362	57, 910	53, 318	89, 402
Wool, hair and manufactures……do….	38, 360	39, 888	28, 644	24, 807	26, 173	53, 568
Silk and manufactures……do….	9, 275	8, 922	3, 776	16, 534	16, 193	22, 239
Synthetic fibers and manufactures……do….	121, 429	125, 475	51, 261	45, 797	46, 757	118, 007
Wearing apparel and other sewn articles 1, 000 lb..	18, 439	18, 752	3, 541	8, 474	8, 402	7, 708
Ores and dross……1, 000 long tons..	499	307	159	3, 893	2, 020	4, 998
Iron, steel and manufactures……do….	113	110	63	12, 278	14, 591	20, 160
Copper and copper alloys and manufactures 1, 000 lb..	3, 373	3, 402	28, 076	996	1, 011	6, 211
Other base metals and manufactures……do….	9, 504	8, 660	12, 183	5, 641	4, 764	4, 681
Miscellaneous manufactures of base metals 1, 000 lb..	441	419	3, 267	207	203	4, 142
Machinery and apparatus……do….	53, 656	54, 844	89, 174	14, 430	17, 896	64, 395
Tools and implements……do….	9, 753	5, 990	5, 324	1, 588	1, 278	4, 710
Scientific instruments; watches and clocks 1, 000 lb..	1, 916	2, 224	2, 736	2, 581	2, 948	9, 852
Arms and munitions……long tons..	3, 181	5, 982	154	2, 918	4, 192	517
Vehicles……do….	65, 445	60, 852	37, 213	47, 755	36, 719	44, 225
Stone, earths and nonmetallic minerals 1, 000 long tons..	735	569	256	17, 216	13, 997	13, 503
Brick and tiles; cement……long tons..	437, 520	536, 785	58, 529	4, 154	4, 989	852
Glass and products……1, 000 lb..	17, 101	17, 302	9, 356	1, 976	2, 094	4, 638
Ceramic products, other……do….	25, 972	32, 480	44, 132	1, 413	1, 871	6, 976
Asbestos, graphite, mica and manufactures 1, 000 lb..	33, 450	50, 607	19, 296	775	981	878
Wood, cork and manufactures……do….	237, 480	231, 225	85, 693	7, 694	8, 241	9, 136
Straw and other plaiting materials and manufactures……1, 000 lb..	11, 318	8, 272	16, 832	801	823	2, 363
Amber, ivory and manufactures; plastic materials and manufactures……1, 000 lb..	3, 660	2, 436	8, 620	859	883	2, 779
Petroleum and products; gums and resins 1, 000 long tons..	136	148	2	4, 113	3, 931	491
Essential oils; perfumery and soap, candles 1, 000 lb..	14, 076	16, 541	1, 270	4, 659	5, 435	5, 499
Chemicals, inorganic……do….	139, 176	208, 147	87, 417	4, 361	5, 792	6, 159
Chemicals, organic……do….	39, 672	36, 596	21, 601	4, 745	5, 077	3, 843
Fertilizers, chemical……long tons..	4, 254	5, 320	1, 019	197	215	28
Drugs and pharmaceuticals……1, 000 lb..	27, 738	27, 948	23, 468	3, 422	3, 487	4, 740
Dyeing and tanning materials; dyes and varnishes……1, 000 lb..	57, 428	57, 408	23, 785	3, 661	4, 307	4, 726
Hides and skins; leather and manufactures, except footwear, furs and manufactures 1, 000 lb..	23, 375	27, 326	11, 374	8, 187	8, 456	7, 642
Rubber and manufactures……do….	20, 644	18, 942	7, 943	8, 342	7, 554	5, 430
Paper, cardboard and manufactures; books, pictures and other printed matter..1, 000 lb..	46, 764	39, 592	26, 404	5, 488	6, 734	6, 162
Musical instruments……do….	1, 920	1, 510	1, 316	3, 072	2, 305	5, 124
Precious stones; silver, platinum and manufactures of precious metals……1, 000 lb..	31	31	11	893	926	609
Footwear; hats, notions and novelities, etc. 1, 000 lb..	10, 569	9, 228	6, 418	11, 659	10, 113	15, 357
Toys, brushes and miscellaneous small articles 1, 000 lb..	6, 067	5, 688	3, 774	2, 725	2, 923	6, 342
Miscellaneous vegetable products……do….	307, 504	171, 580	124, 269	5, 885	4, 928	7, 926
Miscellaneous animal products……do….	1, 742	2, 354	260	692	1, 060	847
Miscellaneous products……do….	18, 305	25, 296	46, 909	3, 136	4, 261	7, 699
Gold and monetary gold and silver[1] 1, 000 troy oz..	([2])	([2])	([3])	587	250	2

[1] Totals do not include gold and monetary gold and silver.
[2] Reported in value only.
[3] Less than 500 troy ounces.

Trade with the United States by Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1947	1937	1938	1947
Imports for consumption from the United States, total				**80,955**	**70,398**	649,182
Corn .... 1,000 bu		335	15,461		258	31,822
Wheat .... do	2,386	547	24,008	2,719	543	72,374
Wheat flour .... 1,000 bbl	(1)	(1)	3,888	(1)	(1)	52,271
Tobacco, unmanufactured, and tobacco substitutes .... 1,000 lb	642	529	17,988	244	169	14,339
Cotton, raw .... do	216,678	210,230	220,822	31,994	25,121	67,966
Cotton waste .... do	5,605	8,558	4,031	362	414	699
Wood, unmanufactured:						
Logs and hewn timber .... long tons	7,396	13,008	145	336	570	115
Sawed timber .... do	20,524	23,995	27,122	1,266	1,089	1,311
Coal .... 1,000 long tons	1		7,009	22		166,363
Coke .... do	8	6	71	225	188	2,766
Petroleum and products:						
Crude oils .... 1,000 bbl	3,662,165	6,219,994	1,588,244	9,322	14,049	4,378
Gasoline .... do	493,569	258,011	1,589,999	1,970	1,292	6,561
Kerosene .... do	123,282	15,190	484,252	336	45	1,783
Gas oils .... do	(2)	(2)	1,277,523	(2)	(2)	4,459
Lubricating oils .... do	353,811	250,762	932,186	3,361	2,178	15,188
Mineral oils, other .... do	231	5,513	(2)	4	42	(2)
Distillation residues .... do	569,511	300,784	4,382,581	1,046	485	10,936
Iron and steel scrap .... long tons	338,970	410,361	1,164	8,312	8,467	34
Copper and alloys, in ingots .... 1,000 lb	29,771	36,148	51,021	4,051	3,681	9,397
Nickel and alloys, in ingots .... do	2,764		442	1,073		331
Machinery, apparatus, and parts .... long tons	2,641	2,209	1,115	3,370	3,295	1,806
Ships .... gross reg. tons	7,138	36,994	694,269	139	740	58,398
Phosphate rock .... long tons	61,642	44,868	21,548	578	431	345
Other merchandise				10,225	7,341	125,491
Exports of Italian products to the United States, total				**41,219**	**41,148**	46,747
Cheese .... 1,000 lb	25,271	25,439	3,014	5,916	5,923	2,674
Hides and skins .... do	2,018	2,749	673	696	571	358
Tomatoes, preserved .... do	54,582	69,018	19,638	2,682	3,146	1,943
Citrus fruits .... do	20,466	1,388		857	69	
Almonds, shelled .... do	2,475	1,123	5,820	722	339	2,600
Chestnuts .... do	19,711	15,009	17,963	681	599	2,297
Olive oil, edible .... 1,000 gal	1,665	3,562	378	2,424	3,916	1,965
Wine and vermouth .... do		887	389	982	827	1,036
Essential oils .... 1,000 lb	182	168	135	519	504	540
Jute fabrics .... do	12,698	11,580	1,002	810	690	28
Wool fabrics .... do	681	434	625	587	410	1,643
Hat felts .... do	1,016	1,562	27	1,116	1,176	94
Silk, raw .... do	1,264	2,607	490	2,145	3,449	2,172
Synthetic fibers .... do	1,071	694	1,452	409	259	1,353
Synthetic fiber waste .... do	5,419	10,061	116	949	1,668	50
Fabrics of synthetic fibers:						
Pure .... do	297	317	118	212	323	243
Mixed .... do	5,888	5,450	106	2,130	1,737	210
Hats and caps .... thousand	3,557	2,825	1,309	1,570	1,190	1,539
Zinc ore .... 1,000 lb			53,514			946
Mercury .... do	657	8	114	561	7	90
Ships .... gross reg. tons		28,808	6,202		2,002	2,224
Accordions .... number	27,348	20,219	41,816	1,088	797	2,703
Other merchandise				14,163	11,546	20,039

[1] Negligible.
[2] Not reported in source.

FINANCE

Government Revenues and Expenditure (Millions of Lire)

[Fiscal years ending June 30.]

Item	1938-39 actual	1945-46 actual	1946-47 actual	1947-48 actual	1948-49 budget
Receipts	**27,576**	**128,476**	**352,006**	**827,802**	**800,752**
Direct taxes	6,625	21,846	66,142	97,346	104,830
Sales and business taxes	6,089	49,696	142,423	260,955	293,136
Customs and consumption taxes	6,380	6,874	42,404	136,968	143,965
State monopolies	3,580	35,782	65,337	115,588	157,665
Other ordinary receipts	4,027	11,122	29,672	63,276	33,722
Extraordinary receipts	875	3,156	6,028	153,669	67,434
Expenses	**39,853**	**509,120**	**932,059**	**1,547,152**	**1,251,756**
Ministries of Treasury and Finance	12,565	172,654	307,479	690,890	488,817
Interior, Foreign Office, Justice and Africa	6,572	56,983	110,741	169,629	114,874
Public instruction	2,076	24,568	51,955	107,282	93,769
Public Works	1,444	101,583	186,852	234,052	238,522
Defense	15,028	125,776	153,529	267,216	257,779
Economic ministries[1]	2,168	8,450	100,330	58,541	44,353
Labor and Social Security	....	19,106	21,173	19,542	13,642
Deficit on current account	−12,277	−380,644	−580,053	−719,350	−451,004
Receipts on capital account	3,016	92,032	334,751	200,022	20,205
Expenses on capital account	2,774	43,770	303,264	265,436	81,874
Balance on capital account	+242	+48,262	+31,487	−65,414	−61,669
Total deficit	−12,035	−332,382	−548,566	−784,764	−512,673

[1] Agriculture and Forests, Industry and Commerce, Foreign Trade, Transport, Post Office, Merchant Marine.

Internal Public Debt (Millions of Lire)

[Situation at close of fiscal year]

Item	1938-39	1945-46	1946-47	1947-48
Long-term debt	**104,284**	**338,862**	**488,654**	**479,330**
Funded	52,986	52,945	52,947	52,946
Redeemable	49,176	278,569	428,851	419,275
State Notes (currency)	2,122	7,348	6,856	7,109
Floating debt	**41,512**	**727,775**	**832,811**	**1,232,537**
Ordinary Treasury bonds	12,130	239,009	278,927	482,820
Bank of Italy advances	4,992	343,012	365,890	473,445
Savings and Loan organizations	21,808	95,476	139,282	225,005
Bank of Naples and others	2,582	50,278	48,712	51,267
Total internal debt	145,796	1,066,637	1,321,465	1,711,867

Situation of the Bank of Italy (Millions of Lire)

[Status of principal items at close of year or month indicated]

Item	1938	1945	1946	1947	June 1948
Asset items:					
Gold reserves	3,674	463	523	525	525
Domestic bill holdings	3,704	9,746	44,030	137,214	78,335
Loans on securities and merchandise	3,687	5,443	13,084	34,257	39,301
Advances to clearing houses	78	241	1,270	5,507	2,667
Foreign exchange holdings			8,689	12,815	13,096
Government securities owned	769	889	37,760	37,483	37,571
Advances to the Treasury	3,000	343,697	343,697	442,697	442,697
Bond investments on behalf of the Treasury	....	68,000	68,000	83,000	110,000
Liability items:					
Checks and other sight instruments	905	13,449	15,098	16,234	16,631
Deposits on current account	816	46,865	59,119	52,542	36,066
Time deposits of public credit agencies		124,170	105,999	86,520	149,667
Treasury operating account	850	20,505	10,097	[1] −435	[1] −76,183

[1] Represents Treasury overdrawing.

Situation of Leading Banks and Credit Institutions [1] (Millions of Lire)

[Consolidated status of principal items at close of year]

Item	1943	1944	1945	1946	1947
Cash and call loans	47,788	125,795	69,426	113,633	202,202
Deposits with the Treasury or other institutions	350	14,739	120,009	106,936	75,897
Investment portfolio	22,278	21,228	44,655	121,761	246,202
Bills discounted	1,662	1,645	3,572	18,280	57,478
Due on current account	13,566	17,945	40,627	102,356	206,059
Due on correspondent current account	15,748	21,656	49,421	144,146	249,146
Advances outstanding and accounts receivable	9,065	7,020	19,619	56,579	69,467
Securities owned	60,598	88,855	136,445	220,113	265,979
Other assets	29,396	35,746	51,274	130,520	268,557
Total assets	200,451	334,629	535,048	1,014,324	1,640,987
Fiduciary deposits and correspondent accounts	150,159	260,356	425,493	766,842	1,180,297
Advances received and accounts payable	2,271	1,161	2,578	9,669	24,386
Checks and drafts in circulation	7,885	28,461	44,637	79,316	103,069
Capital and reserves	9,550	10,088	10,876	13,755	18,766
Acceptances, etc., on third account	3,325	2,632	4,322	33,399	88,046
Other liabilities	25,422	29,432	44,653	107,466	217,475
Total liabilities [2]	198,612	332,130	532,559	1,010,447	1,632,039

[1] Includes 365 banks and credit agencies (other than the Bank of Italy), which hold 99 percent of the country's deposits.

[2] The difference between assets and liabilities is the net gain for the year.

Protested notes and drafts.—January through June 1948, 267,099, for 10,489,063,000 lire; year 1938, provincial capitals only, 447,129, for 277,534,000 lire.

Currency and exchange.—Currency unit, the lira (plural, lire), with nominal exchange rate of 350 lire to the dollar. During most of 1948, however, multiple exchange rates in force, as follows:

Official buying rate (same as selling rate), applied only to certain currencies—dollar, pound sterling, Swiss franc, Egyptian pound, and Portuguese escudo. Basis for purchase from exporters of the 50 percent of foreign exchange which they were required to cede to the Government. Determined by average quotations during the preceding month of export rate in Rome and Milan legal exchange markets.

Export rate, also applying only to the currencies named above. Free rate set in Rome, Milan, and other legal exchange markets for sale to importers of the 50 percent of foreign exchange which exporters were permitted to retain. Since effective proceeds to exporters were average of export rate and official buying rate, this "average rate" is also frequently referred to as "export rate."

Clearing rates set under bilateral trade agreements. These are usually based on respective relation ("cross-rate") of the foreign currency and the lira (official buying rate) with the dollar.

Reciprocity transaction rates. Arranged between importer and exporter for specific "reciprocity transactions" (a form of barter in which the transaction was consummated through the Government Exchange Office).

Throughout 1948, the effective dollar-lira exchange rate—both the buying rate and the export market rate—was stabilized, within a very narrow margin, at approximately 575 lire to 1 dollar. By agreement with the United Kingdom on November 26, 1948, the lira-pound sterling relationship, which previously had fluctuated considerably, was to be fixed on the basis of a cross-rate of $4.03 per pound (declared par value). From the same date, also, the legal exchange market for the pound was discontinued, and the Government undertook to purchase 100 percent of sterling proceeds from exports.

Official exchange rates in lire per dollar.—1913, 5.25; 1914, 5.23; 1915, 6.06; 1916, 6.56; 1917, 7.54; 1918, 7.86; 1919, 8.80; 1920, 21.13; 1921, 23.63; 1922, 21.21; 1923, 21.83; 1924, 22.99; 1925, 25.18; 1926, 25.93; 1927, 19.61; 1928, 19.02; 1929, 19.09; 1930, 19.09; 1931, 19.17; 1932, 19.47; 1933, 15.53; 1934, 11.68; 1935, 12.13; 1936, 14.22; 1937, 19.00; 1938, 19.00; 1939, 19.23; 1940, 19.80; 1941, 19.32; 1942, 19.01; 1943, 19.00; 1944, 66.25; 1945, 100.00; 1946, 100.00; 1947, 192.44; 1948, 350.00. From January 4, 1946, to August 1, 1947, there was added a premium applying to all commercial transactions, thus making the effective rate, in fact, 225; when the new official rate of 350 came into force on August 2, 1947, this premium was discontinued.

Principal circulating media.—Notes of the Bank of Italy, in denominations up to 1,000 lire, and State Notes (Biglietti di Stato), in denominations of 1 to 10 lire. Also in circulation as of December 1948 were a substantial quantity of Allied Military Currency, special notes of the Bank of Italy in denominations of 5,000 and 10,000 lire, and a small quantity of metal coinage.

Selected Exchange Quotations, 1947 and 1948
[Average for month in lire per unit of foreign currency]

Month	Official buying rate[1]			"Export" rate, Milan			Clearing rates		"Reciprocity" rates	
	Dollar	Pound	Swiss franc	Dollar	Pound	Swiss franc	Belgian franc	French franc	Belgian franc	French franc
1947:										
November	[2] 589.47	[2] 1961.30	[2] 149.32	602	1,984	151	11.04	2.94	--------	--------
December	603	1984	152	575	1,638	140	10.87	2.94	--------	--------
1948:										
January	576	1,637	141	573.45	1,755.50	135.21	10.85	[3] 2.94	--------	3.15
February	573	1,756	135	571.66	1,834.71	136.96	13.07	1.63	--------	3.10
March	573	1,838	137	572.99	1,840.63	138.73	13.07	2.20	13.00	2.82
April	574	1,840	139	573.78	1,851.04	140.18	13.11	2.20	12.60	2.87
May	575	1,851	140	574.01	1,947.86	142.43	13.10	2.20	12.30	2.45
June	575	1,947	142	574.10	1,964.59	142.89	13.11	2.20	11.62	2.36
July	575	1,963	143	573.77	1,935.63	143.96	13.11	2.20	13.31	2.35
August	575	1,936	144	573.81	1,937.63	145.13	13.11	2.20	--------	2.45
September	575	1,937	145	573.93	1,944.96	145.31	13.11	2.20	12.85	2.20

[1] Rate at which Government purchases 50 percent of proceeds accruing from exports.
[2] From November 28; previously (from August 2, 1948) 350 per dollar, 1,411.38 per pound, and 81.59 per Swiss franc.
[3] Until January 24; thereafter rate shown for February

Money in Circulation (Millions of Lire)
[Status at end of period]

Item	1938	1943	1945	1946	1947	June 1948
State notes	1,856	6,337	7,348	7,348	6,861	7,109
10 lire	1,856	4,203	4,731	4,731	4,000	4,113
5 lire	----------	1,334	1,528	1,528	1,533	1,668
2 lire	----------	400	595	595	759	759
1 lira	----------	400	494	494	569	569
Coins (in valid use)	1,684	649	412	311	2	2
Bank of Italy notes:						
Ordinary	18,955	156,631	296,021	371,750	494,208	473,604
Special	----------	----------	----------	45,480	228,056	285,007
Allied Military lire	----------	17,854	86,029	87,822	65,863	57,346
Total	22,495	181;471	389,810	512,711	794,990	823,068

PRINCIPAL SOURCES

Compendio Statistico Italiano (Italian Statistical Handbook) (Annual).
Bollettino Mensile di Statistica (monthly statistical supplement to Italian Official Gazette).
Commercio di Importazione e di Esportazione del Regno d'Italia (prewar).
Statistica del Commercio con l'Estero (postwar).

NETHERLANDS

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 15,764 square miles, including river estuaries; without these waters, 12,868 square miles. Population, December 31, 1947, estimate, 9,714,057; census of 1930, 7,935,565. Urban population, 1946 (communities of 5,000 or more), 7,629,046 (82 percent of total). Population of cities, January 1, 1946, estimates (1930 figures in parentheses): Amsterdam, 769,114 (757,386); Rotterdam, 616,065 (586,952); 's Gravenhage (The Hague), 476,308 (436,568); Utrecht, 175,840 (153,884); Haarlem, 150,464 (119,159); Eindhoven, 129,598 (94,731); Groningen, 128,828 (105,005); Tilburg, 110,773 (78,459); Nijmegen, 103,609

(81,699); Enschede, 97,338 (51,805); Arnhem, 91,924 (78,201); Leiden, 83,952 (70,860); Breda, 82,191 (44,649); Hilversum, 80,242 (57,059); Apeldoorn, 79,394 (60,452).

Distribution of population by occupation (persons having an economic activity), 1947 estimates (1938 figures in parentheses): Agriculture and fisheries, 600,000 (650,000); manufacturing and mining, 1,200,000 (1,050,000); trade, transportation and banking, 900,000 (800,000); liberal professions and education, 350,000 (450,000); public service, 250,000 (100,000); armed forces, 200,000 (50,000).

Education.—Number of pupils, January 1, 1947 (1940 figures in parentheses): Kindergartens and the like, 209,676 (210,719); elementary, 1,314,157 (1,243,647); secondary (including day and evening commercial schools), 75,652 (70,209); trade, craft, domestic science, minor arts, 1943, 171,528 (155,078); agriculture, farming, horticulture, etc., secondary, January 1, 1943, 23,631 (42,915); universities and colleges, 21,414 (10,360).

There is practically no illiteracy in the Netherlands.

AGRICULTURE AND FISHERIES

Land distribution (thousand acres): Arable (1946), 2,742; meadows (1946), 2,947; flower bulbs, including horticulture (1946), 28; vegetables and fruits (1946), 164; woods, etc. (1943), 604; wastelands (1943), 798.

Livestock, 1947 with 1939 figures in parentheses: Cattle, 2,366,711 (1938, 2,763,453), of which dairy cows, 1,325,835 (1,556,281); pigs, 857,056 (1,555,413); sheep, 460,305 (689,501); horses, 367,220 (322,513); poultry, 14,209,436 (32,804,504).

Dairy products, 1947 figures with 1946 and 1939 figures in parentheses (thousand pounds): Milk, 6,355,985 (6,112,004, 10,279,369); butter, 115,536 (116,121, 239,270); cheese, 141,932 (144,379, 266,386); milk, condensed, 79,670 (36,186, 189,887); milk, powdered, 34,789 (30,307, 81,967).

Fishing, 1936–40 average, 1943, 1946, 1947 figures consecutively (metric tons): Total catch, 200,702, 70,791 (not including oysters), 197,538, 172,700; herring, 72,712, 6,061, 105,087, 131,800; shellfish (oysters and clams), 63,532, 30,499 (clams only), 34,400, 50,430.

Principal Crops: Area and Production

Crop	Area (thousands of acres)				Production (thousands of units—bushels except as indicated)			
	1937	1938	1946	1947	1937	1938	1946	1947
Wheat	318	311	301	213	12,615	15,938	13,180	7,128
Rye	563	601	556	447	19,036	21,694	17,948	12,480
Barley	121	107	153	168	6,204	6,452	8,051	8,221
Oats	363	369	437	403	25,918	30,765	29,266	23,286
Potatoes	340	344	467	499	97,395	103,632	155,792	169,387
Sugar beets	104	108	111	125	[1] 1,582	[1] 1,520	[1] 1,705	[1] 1,577
Beet sugar[2]					[1] 236	[1] 205	[1] 55	[1] 223
Flax	43	51	32	32	[3] 32,047	[3] 42,935	[4] 121,253	[4] 127,867

[1] Unit, metric ton.
[2] Seasons ended following year.
[3] Unit, pound of fiber.
[4] Unit, pound of broken flax.

Value of Agricultural Products (Millions of Guilders)

Product	1938–39	1940–41	1945–46	1946–47
Wheat	40.5	44.9	29.3	62.8
Rye	16.1	41.3	16.8	45.7
Barley	4.7	14.6	5.6	20.1
Oats	4.1	19.2	1.5	14.4
Potatoes	42.5	91.1	88.0	190.7
Sugar beets	15.5	26.4	12.2	59.9
Flax	5.1	9.1	5.9	10.7

MINING AND MANUFACTURING

Industrial production indexes (1937 = 100), 1938, 1939, 1943, 1946, 1947 figures, consecutively: General, 101, 112, 65, 74, 93; mining, 94, 92, 92, 58, 71; manufacturing industries, 103, 116, 55, 72, 92.

Electricity production of publicly owned plants, 1938, 1939, 1943, 1946, 1947 estimates, consecutively (million kilowatt-hours): 2,390, 2,676, 2,532, 2,652, 3,396.

Unemployed as of December 31.—Total, 1938, 431,181; 1945, 90,400; 1946, 47,000; 1947, 30,600. Persons receiving limited employment compensation only, 1945, 43,500; 1946, 7,600; 1947, 1,400. Registered workers on public projects, 1945, 63,000; 1946, 26,300; 1947, 22,200.

Mine and Factory Production

Product	1937	1938	1943	1945	1946	1947
Coal .... 1,000 metric tons	14,321	13,488	12,497	5,097	8,312	10,104
Lignite .... do	143	171	383	130	499	475
Briquets .... do	1,327	1,325	896	413	726	910
Salt .... metric tons	132,430	166,064	193,706	53,600	180,500	240,579
Cotton yarn .... 1,000 lb	77,140	71,429	(1)	(1)	68,766	91,244
Wool yarn .... do	10,138	9,921	(1)	(1)	38,294	60,047
Rayon yarn .... do	23,810	20,393	(1)	2,879	17,595	28,477
Boots and shoes .... 1,000 pairs	15,000	14,800	10,136	[2] 4,074	9,441	13,535
Margarine .... 1,000 lb	151,635	157,366	58,642	(1)	149,251	(1)
Cocoa powder .... do	17,632	17,196	(1)	(1)	18,944	(1)
Cocoa butter .... do	33,942	33,856	(1)	(1)	4,848	(1)
Potato flour[3] .... do	310,200	352 736	103,000	22,000	....	(1)
Bicycles .... number	403,000	320,000	51,000	(1)	70,400	217,600
Vessels launched .... gross tons	102,000	249,000	(1)	(1)	[4] 33,200	[4] 88,000

[1] Not available.
[2] Includes slippers.
[3] Seasons ending the following year.
[4] Estimate.

TRANSPORTATION AND COMMUNICATION

Highways.—1947 with 1938 data in parentheses (miles): Dual highways for motor vehicles only, 81.1 (79.8); primary (national), 2,035 (2,020); secondary (provincial), 2,781 (2,765); tertiary (municipal), 3,185 (3,185); other, 10,051 (10,051).

Motor vehicle registration, 1938, 1945, 1946, 1947 consecutively: Trucks, 50,988, 29,779, 44,840, 58,700; busses, 4,088, 524, 2,329, 3,600; passenger cars, 94,000, 29,002, 47,059, 68,384; total, 149,076, 59,305, 94,228, 130,684.

Statistics of Railways

Item	1937	1938	1946	1947
Length of line[1] .... miles	2,077	2,278	1,913	1,944
Length of track .... do	5,193	....	4,362	4,462
Locomotives, steam .... number	952	891	[2] 1,181	[2] 977
Passenger cars, steam traction .... do	3,290	3,100	[2] 1,330	[2] 1,092
Passenger cars, electric and motor traction[3] .... do	398	489	....	[2] 532
Freight cars .... do	28,257	28,421	28,874	[2] 21,215
Train-miles, total .... thousand	32,539	....	....	....
Passengers carried .... do	47,117	47,838	174,102	180,031
Freight carried .... 1,000 metric tons	16,134	14,587	12,612	16,122
Gross receipts[4] .... 1,000 guilders	100,421	99,332	260,000	281,800
Passenger service .... do	54,223	54,666	187,416	205,515
Freight service .... do	43,884	42,047	72,516	76,285

[1] In operation at end of year.
[2] Available; not all usable.
[3] Apparently self-propelled.
[4] Including miscellaneous receipts not shown separately

Statistics of Posts and Government Telegraphs and Telephones

Item	1937	1938	1943	1945	1946
Postal service:					
Number of offices	2,027	2,035	2,096	2,097	2,092
Pieces of mail ....millions	1,127	1,172	----------	----------	1,400
Gross receipts ....1,000 guilders	46,589	46,586	62,450	40,761	----------
Telegraphs:					
Length of wire ....miles	39,300	41,700	37,500	27,400	43,200
Messages sent ....thousands	3,327	3,542	5,442	2,491	6,347
Gross receipts ....1,000 guilders	9,309	9,111	3,108	1,766	----------
Telephones:					
Length of wire ....miles	328,000	330,000	284,000	----------	390,000
Number of instruments	404,000	434,000	505,000	415,000	510,000
Gross receipts ....1,000 guilders	30,400	32,600	71,200	29,000	----------

Statistics of KLM (Royal Dutch Airlines) [1]

Item	1938	1946	1947
Passengers ....number	114,461	323,778	342,259
Freight ....tons	1,767	2,859	4,787
Mail ....do	691	1,066	1,589
Flying hours	45,695	69,614	90,588
Miles flown ....thousands	6,592	11,108	15,510
Total length of routes ....miles	19,858	39,210	41,794
Gross revenue ....1,000 guilders	11,261	68,982	98,267
Total traffic—Schiphol Airport[2]			
Passengers ....number	78,520	297,550	245,112
Freight ....tons	1,920	2,305	3,417
Mail ....do	568	1,099	1,462

[1] No total statistics available; the KLM, a semi-public line, reflects major air transport operation in the Netherlands.
[2] Most important airport.

Merchant Marine (Vessels Over 100 Tons)

Item	1938[1]	1939[1]	1946[2]	1947[2]
Vessels ....number	1,482	1,532	1,040	1,116
Capacity ....gross tons	2,855,382	2,972,871	2,098,013	[3] 2,522,165
Steam or other power ....do	2,852,012	2,969,578	----------	[4] 2,055,638

[1] June 30.
[2] December 31.
[3] Includes East and West Indies Merchant Marine.
[4] Home Merchant Marine only.

Entrances of Vessels in Foreign Trade

Item	1937	1938	1943	1946	1947
Number of vessels	20,300	21,006	----------	12,653	17,909
Capacity, total ....tons [1]	82,589	53,006	3,159	26,261	44,479
Loaded ....do [1]	70,947	46,017	2,567	18,770	34,228
In ballast ....do [1]	11,642	6,989	592	7,491	10,251

[1] Figures for 1937 and 1938 are given in net cubic meter tons; those for 1943, 1946, and 1947 are in thousand gross registered tons.

FOREIGN TRADE

Per capita trade.—1947: Imports, $166.50; exports, $72.80.

Basis of trade statistics.—Imports are for consumption. Exports include domestic products, foreign goods nationalized and reexports, but exclude transshipments. Both quantities and values are based on declarations; import values c. i. f., export f. o. b. Imports

are charged to the most distant country from which the goods have been shipped with the Netherlands as destination. Exports are charged to the country of destination, i.e., the most distant known country to which the goods are being shipped.

Foreign trade values have been converted from guilders to United States dollars at the following rates: 1934, $0.6738; 1935, $0.6771; 1936, $0.6448; 1937, $0.5504; 1938, $0.5501; 1939, $0.5334; 1940–1943, $0.5308; 1946, 1947, $0.376953.

Value of Imports and Exports

Year	Thousands of guilders		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	1,038,276	711,802	699,590	479,612
1935	935,917	675,098	633,709	457,109
1936	1,016,524	746,125	655,455	481,101
1937	1,550,123	1,148,110	853,188	631,920
1938	1,414,768	1,039,156	778,264	571,640
1939	1,516,515	966,206	808,909	515,374
1940	999,933	629,661	530,764	334,224
1941	725,515	626,609	385,103	332,604
1942	469,733	607,874	249,334	332,660
1943	408,917	630,656	217,053	334,752
1946	2,145,054	784,844	808,585	295,849
1947	4,252,496	1,859,269	1,602,991	700,857

Trade with Principal Countries (Thousands of Dollars)

Country	Imports for consumption				Exports including reexports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**853,188**	**778,264**	**808,585**	**1,602,991**	**631,920**	**571,640**	**295,849**	**700,856**
United States	75,045	84,369	201,497	450,342	31,845	20,430	14,313	19,122
Canada	11,009	12,454	24,976	62,474	3,026	3,584	2,212	3,136
Netherlands Antilles	12,611	12,496	27,251	29,168	4,023	5,613	1,777	5,560
Argentina	57,401	35,285	30,132	65,375	10,450	6,437	3,649	8,503
Brazil	6,329	8,727	14,539	32,753	2,417	4,039	2,288	4,687
Austria	3,522	3,843	147	2,863	4,648	2,917	1,322	3,651
Belgium and Luxembourg	98,850	89,233	113,611	196,541	69,281	58,153	63,460	110,205
Czechoslovakia	16,791	15,757	13,218	46,220	8,008	6,666	8,781	21,603
Denmark	6,382	7,232	9,622	13,696	3,067	4,329	9,115	10,620
Finland	9,190	8,716	5,029	18,480	5,927	5,198	4,173	15,319
France	32,952	35,716	36,355	73,706	41.775	33,119	20,964	51,354
Germany	180,183	165,523	20,990	36,449	96,930	84,649	19,718	21,786
Greece	2,718	2,336	163	1,137	3,708	2,199	317	1,866
Hungary	2,306	2,264	4	1,995	712	858	13	2,363
Italy	6,922	7,200	3,306	27,847	6,463	6,820	3,632	20,380
Norway	5,632	6,766	11,422	24,537	7,534	8,661	9,618	24,792
Poland	13,738	11,636	256	5,789	10,457	7,398	85	2,498
Rumania	5,657	2,208	------	179	1,628	1,139	3	23
Spain	4,457	2,217	4,408	19,338	10,548	4,372	2,409	12,173
Sweden	15,299	16,467	51,326	60,236	17,698	19,725	23,434	46,582
Switzerland	9,242	11,433	23,293	38,660	13,506	11,405	20,056	41,246
U. S. S. R.	22,255	17,470	218	2,861	12,151	12,848	13	2,445
United Kingdom	71,024	63,341	131,011	153,907	136,332	128,716	33,141	90,423
Yugoslavia	2,964	2,268	1,076	5,850	997	1,763	711	4,851
India	[1] 18,919	11,105	5,726	13,502	[1] 6,861	4,435	3,390	9,022
Indonesia	69,493	55,956	7,501	74,265	51,602	54,896	9,904	50,148
Japan	5,104	4,020	(2)	(2)	2,629	1,529	------	11
British West Africa	10,530	9,665	5,921	6,116	3,654	1,456	2,569	7,790
Union of South Africa	2,753	1,847	2,209	3,254	6,097	9,825	3,652	8,196
Other countries	73,910	70,714	63,378	135,451	54,867	55,103	29,233	96,196
Ships' stores	------	------	------	------	3,079	3,358	1,897	4,305
Percent of total:								
United States	8.8	10.8	24.9	28.1	5.0	3.6	4.8	2.7
Belgium	11.6	11.5	14.1	12.3	11.0	10.2	21.5	15.7
France	3.9	4.6	4.5	4.6	6.6	5.8	7.1	7.3
Germany	21.1	21.3	2.6	2.3	15.3	14.8	6.7	3.1
Sweden	1.8	2.1	6.3	3.8	2.8	3.5	7.9	6.6
Switzerland	1.1	1.5	2.9	2.4	2.1	2.0	6.8	5.9
United Kingdom	8.3	8.1	16.2	9.6	21.6	22.5	11.2	12.9
Indonesia	8.1	7.2	.9	4.6	8.2	9.6	3.3	7.2

[1] Includes Burma.

[2] Less than $500.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption, total, excluding parcel post, gold and silver bullion, coin, and diamonds	--------	--------	--------	--------	**853, 188**	**778, 264**	**808, 585**	**1, 602, 991**
Animals and animal products 1,000 long tons	227	194	--------	--------	51, 467	36, 493	59, 512	63, 261
Cattle for slaughter number	23	13	28, 454	34, 728	1	1	3, 797	7, 144
Meat products 1,000 lb	63, 451	46, 993	96, 744	31, 724	6, 068	4, 748	18, 291	6, 419
Animal oils, fats, and greases do	240, 057	207, 894	33, 572	57, 249	10, 602	7, 513	2, 609	10, 746
Train oil do	183, 390	161, 017	15, 633	40, 238	6, 965	4, 959	1, 152	6, 887
Hides and skins, except furs do	117, 419	92, 481	42, 681	49, 943	20, 581	11, 733	8, 640	16, 425
Leather do	4, 074	3, 651	6, 519	3, 508	3, 748	2, 889	4, 633	6, 706
Other animals and animal products long tons	37, 563	36, 912	--------	--------	10, 467	9, 609	21, 542	15, 822
Vegetables and products (except fibers and wood) 1,000 long tons	3, 923	3, 962	--------	--------	229, 053	209, 667	158, 542	359, 101
Grains and preparations do	2, 195	2, 162	796	1, 106	83, 102	72, 568	57, 675	124, 626
Wheat 1,000 bu	20, 921	23, 691	16, 610	17, 988	27, 450	22, 615	31, 047	56, 618
Barley do	10, 954	10, 604	4, 378	2, 501	8, 123	6, 779	6, 460	5, 792
Corn do	37, 865	36, 016	4, 586	11, 716	27, 159	26, 565	8, 592	26, 361
Wheat flour 1,000 bbl	728	762	532	963	4, 038	3, 522	3, 989	26, 264
Fodders and feeds, n. e. s. long tons	271, 418	281, 301	66, 973	168, 607	10, 520	10, 367	4, 689	20, 827
Fruits, nuts, and preparations 1,000 lb	780, 609	797, 675	102, 401	159, 745	25, 322	25, 049	7, 190	13, 898
Vegetable oils and fats do	162, 834	148, 971	86, 356	106, 182	9, 287	6, 543	8, 561	28, 712
Linseed oil (except stand oil) 1,000 lb	71	170	26, 684	40, 307	5	9	2, 801	10, 560
Coffee, green do	84, 754	114, 639	40, 368	46, 887	7, 938	8, 542	5, 402	11, 455
Tea do	26, 546	28, 688	14, 173	14, 971	5, 755	6, 236	5, 011	7, 129
Cocoa beans do	122, 984	169, 498	85, 483	88, 316	9, 942	9, 312	9, 569	19, 162
Sugar do	348, 490	348, 499	273, 104	169, 152	4, 726	4, 395	8, 106	9, 118
Wines 1,000 gal	2, 951	2, 771	1, 358	1, 966	2, 188	2, 115	3, 483	5, 014
Rubber and manufactures 1,000 lb	39, 634	38, 671	--------	--------	8, 293	7, 711	13, 271	22, 013
Automobile tires thousand	256	257	(1)	788	2, 400	2, 512	4, 213	9, 513
Crude, balata, hardgum, reclaimed and scrap 1,000 lb	14, 367	15, 229	22, 489	30, 375	2, 004	1, 736	2, 552	4, 963
Cinchona bark do	16, 288	10, 390	22	4, 815	4, 302	2, 874	4	2, 167
Oilseeds long tons	540, 464	541, 205	61, 362	167, 815	32, 186	28, 049	6, 018	41, 063
Copra do	45, 646	52, 297	27, 906	144, 696	3, 812	3, 029	3, 227	34, 657
Seeds, except oilseeds 1,000 lb	27, 516	27, 339	18, 719	28, 230	1, 819	1, 743	7, 475	6, 141
Tobacco, leaf do	68, 270	65, 743	23, 446	72, 961	11, 217	11, 537	9, 371	27, 231
Other vegetables and products, (except fibers and wood) long tons	156, 364	185, 041	--------	--------	12, 455	12, 626	12, 718	20, 544
Textile fibers and manufactures 1,000 long tons	235	218	--------	--------	111, 290	90, 776	95, 219	197, 763
Cotton, raw (except waste and linters) 1,000 lb	138, 550	117, 340	62, 384	114, 447	18, 642	12, 098	16, 754	35, 177
Wool, unspun do	13, 840	22, 438	34, 465	60, 194	5, 822	6, 476	15, 884	32, 024
Yarn and thread do	109, 818	99, 227	18, 327	51, 872	29, 525	23, 302	14, 350	49, 971
Cotton do	51, 279	41, 956	3, 347	12, 945	12, 158	8, 676	2, 297	10, 523
Wool and wool mixtures do	18, 885	19, 782	5, 240	15, 501	11, 613	9, 977	8, 050	29, 106
Vegetable fiber yarns, n. e. s. 1,000 lb	34, 599	33, 957	9, 090	21, 521	3, 356	2, 881	3, 053	7, 286
Cloth (except woven with rubber) 1,000 lb	25, 822	19, 385	8, 527	14, 855	18, 506	14, 721	15, 058	30, 721
Cotton do	9, 184	4, 985	2, 374	6, 314	4, 233	2, 733	2, 721	8, 017
Wool and wool mixtures do	6, 279	4, 788	3, 245	3, 009	6, 049	4, 784	7, 417	9, 357
Silk, synthetic, and mixtures 1,000 lb	5, 395	5, 090	703	2, 361	5, 638	4, 818	2, 604	10, 045
Clothing (except woven with rubber) 1,000 lb	10, 079	8, 728	--------	--------	12, 379	10, 913	15, 841	19, 950
Jute bags, new do	15, 082	10, 712	18, 669	27, 727	1, 099	709	2, 768	4, 823
Other textile fibers and manufactures long tons	95, 266	94, 256	--------	--------	25, 318	22, 557	14, 563	25, 096
Wood and paper 1,000 long tons	2, 091	1, 825	--------	--------	69, 983	57, 603	63, 718	152, 593
Sawmill products do	970	809	--------	--------	31, 694	22, 247	16, 792	50, 629
Wood pulp do	148	117	151	183	5, 355	5, 031	10, 201	20, 354
Paper, related products, and manufactures 1,000 lb	256, 435	206, 209	142, 009	206, 739	12, 778	10, 459	13, 665	26, 534
Other wood and paper 1,000 long tons	859	807	--------	--------	20, 157	19, 867	23, 060	55, 077
Nonmetallic minerals do	12, 519	12, 274	--------	--------	83, 463	81, 535	97, 296	172, 528
Coal do	5, 324	4, 837	2, 721	3, 486	24, 572	24, 719	21, 092	55, 299
Petroleum and products do	1, 532	1, 699	1, 635	2, 345	29, 261	25, 695	42, 870	61, 398
Kerosene 1,000 bbl	2, 007	1, 962	2, 256	2, 492	5, 400	4, 363	6, 689	9, 063

See footnotes at end of table

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption—Continued								
Nonmetallic minerals—Continued.								
Petroleum and products—Con.								
Gas oil and fuel oil (except bunker) .... 1,000 bbl..	3,614	5,231	4,729	5,782	7,427	7,641	11,101	16,875
Gasoline (except bunker) 1,000 bbl..	2,060	2,069	3,244	2,016	6,427	5,263	13,784	8,277
Crude petroleum........do....	3,348	3,012	1,816	5,982	5,856	4,127	4,365	16,108
Lubricating oils..........do....	350	376	441	463	3,130	3,421	5,845	7,506
Stone and manufactures 1,000 long tons..	1,364	1,446	932	993	3,497	3,904	5,000	5,877
Cement................1,000 bbl..	2,447	3,098	1,183	2,038	2,012	2,887	2,898	5,005
Glass and products........1,000 lb..	122,631	128,841	112,999	230,636	3,859	3,825	7,855	16,750
Other nonmetallic minerals........ 1,000 long tons..	3,833	3,715	-------	-------	20,261	20,504	17,581	28,199
Metals and manufactures (except machinery and vehicles)..1,000 long tons..	2,049	1,665	-------	-------	147,837	123,571	117,129	201,889
Iron and manganese ore..long tons..	613,928	499,391	213,493	495,647	2,988	3,062	2,191	5,157
Tin ore..................do....	39,647	38,209	1,325	15,851	30,247	23,633	1,336	16,811
Steel mill products.1,000 long tons..	1,185	914	-------	-------	74,074	60,084	70,267	107,479
Iron and steel plates and sheets (no tinplate)......long tons..	295,251	237,116	176,855	197,434	18,885	16,065	17,845	26,788
Iron and steel bars and rods long tons..	252,504	176,479	108,596	172,426	12,926	9,923	11,637	22,064
Iron and steel manufactures..do....	75,253	68,658	-------	-------	14,302	13,583	13,237	20,674
Aluminum, alloys, and manufactures.................long tons..	4,118	3,711	6,062	11,568	2,410	2,378	3,640	6,899
Copper and manufactures.....do..	19,551	18,611	21,131	25,082	5,996	4,567	7,810	13,828
Brass and bronze manufactures long tons..	16,394	15,975	15,612	16,357	6,481	5,874	7,668	11,668
Lead and manufactures.........do....	24,596	36,863	21,256	29,735	2,950	2,940	4,052	25,081
Other metals and manufactures long tons..	70,062	68,958	-------	-------	8,390	7,450	6,928	9,686
Machinery and vehicles 1,000 long tons..	186	223	-------	-------	86,395	99,222	125,577	300,752
Electrical machinery and apparatus long tons..	24,360	32,550	-------	-------	18,148	21,781	20,541	35,325
Radio apparatus and parts long tons..	3,156	2,781	1,270	2,211	5,024	4,421	5,678	11,186
Engines, turbines, and parts..do....	13,797	17,971	-------	-------	7,076	10,077	6,800	19,901
Metalworking machinery and parts long tons..	45,797	55,330	9,274	19,239	24,754	29,629	11,771	22,264
Other industrial machinery and n. e. s. parts...........long tons..			-------	-------			18,112	45,726
Typewriters and parts number (except parts)..	19,229	19,240	12,278	23,577	776	766	1,122	2,437
Adding and calculating machines and parts number (except parts)..	2,678	2,348	4,030	10,097	549	433	855	2,736
Agricultural machinery and implements.................long tons..	10,240	8,198	10,336	16,847	2,199	1,913	5,098	9,476
Other machinery and parts, n. e. s. long tons..	7,954	8,535	-------	-------	2,804	3,628	4,292	7,934
Vehicles and parts (except electric) long tons..	83,636	100,059	-------	-------	30,089	30,993	56,986	154,952
Automobiles...........number..	12,848	12,508	12,349	21,277	8,833	8,668	19,861	27,508
Automobile chassis.......do....	3,458	3,821	4,467	4,557	2,844	3,349	5,974	11,807
Bicycles, parts, and accessories (except tires and tubes) long tons..	9,870	5,782	-------	-------	4,644	3,137	4,918	12,956
Aircraft and parts (except motors) number (except parts)..	25	11	80	390	1,834	1,892	5,537	13,570
Ships and boats.capacity tons..	61,893	59,672	32,721	451,913	3,062	2,675	3,087	64,696
Chemicals and related products 1,000 long tons..	1,839	1,996	1,050	1,499	48,557	50,165	57,672	100,905
Coal-tar dyes............1,000 lb..	6,742	5,139	2,381	6,448	3,958	3,636	3,523	9,526
Medicinal and pharmaceutical preparations...........1,000 lb..	7,319	7,527	4,094	7,604	4,371	3,974	3,517	12,068
Quinine sulfate, salts and compounds...........1,000 lb..	509	390	-------	2,302	1,643	1,259	-------	6,685
Industrial chemicals and specialties.................long tons..	316,829	339,681	107,843	219,481	14,221	12,952	13,741	28,097
Pigments, paints, and varnishes long tons..	41,976	47,346	14,350	35,269	3,521	3,272	3,152	7,282
Fertilizers and fertilizer materials 1,000 long tons..	1,414	1,542	894	1,192	19,343	22,898	30,730	39,902
Other chemicals and related products.................long tons..	59,748	60,987	31,372	45,788	3,142	3,434	3,008	4,030

See footnotes at end of table.

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Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption—Continued								
Miscellaneous 1,000 long tons	59	49	--------	--------	25,281	29,371	31,708	51,211
Scientific, professional, optical, photographic and projection goods 1,000 lb	3,552	3,715	--------	--------	4,457	4,865	6,739	12,854
Books and other printed matter, n. e. s. 1,000 lb	6,371	6,294	4,442	6,168	2,566	2,508	3,132	4,543
Firearms and ammunition do	955	3,003	18,400	12,019	940	4,221	5,788	5,802
Other long tons	54,536	43,136	--------	--------	17,318	17,777	16,049	28,011
Parcel post[2] 1,000 lb	5,741	5,944	313	765	14,097	14,295	1,625	4,048
Gold bullion and coin[2]	--------	--------	--------	--------	481,335	259,666	--------	--------
Silver bullion and coin[2] pounds	165,290	194,873	35,999	47,099	855	959	415	478
Diamonds (bought)[2] carats	--------	--------	288,697	286,796	15,713	9,777	8,877	5,861

n. e. s. Not elsewhere specified in source.
[1] Imports in 1946 consisted of 187,000 tires plus 335,000 pounds of tires not reported by number.
[2] Not included in totals.

Exports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Exports total, excluding parcel post, gold and silver bullion and coin, and diamonds	--------	--------	--------	--------	**631,920**	**571,640**	**295,849**	**700,857**
Animals and animal products 1,000 long tons	785	702	--------	--------	158,884	140,456	20,050	86,260
Meat products 1,000 lb	155,581	109,888	584	7,019	24,433	19,950	199	3,015
Canned meat and sausages do	57,633	20,064	313	3,499	8,038	3,005	95	1,542
Animal oils, fats, and greases do	216,730	197,001	1,821	21,391	11,513	8,682	369	4,326
Train oil do	115,565	110,836	55	15,836	5,246	4,544	8	2,834
Dairy products do	678,477	619,682	27,917	117,959	67,813	64,986	6,433	32,116
Cheese do	138,043	128,949	5,064	32,379	16,699	15,949	2,345	14,066
Condensed milk do	367,873	335,370	22,800	79,544	23,363	21,651	4,047	15,484
Fish and fish products do	352,324	317,714	105,913	252,879	8,697	7,621	8,003	18,656
Herring, pickled do	177,175	154,097	29,253	102,437	3,781	3,161	2,348	7,300
Eggs, fresh do	155,385	176,408	1,499	26,043	17,028	20,051	585	9,592
Hides, skins, and furs do	90,821	64,839	1,338	873	16,736	8,869	1,913	679
Other animals and animal products 1,000 lb	108,336	86,244	--------	--------	12,664	10,297	2,547	17,877
Vegetables and products (except fibers and wood) 1,000 long tons	2,402	2,053	--------	--------	150,052	130,099	129,745	231,141
Grains and preparations long tons	337,484	240,999	44,684	40,563	16,974	10,946	5,302	7,598
Fodders and feeds, n. e. s. do	262,333	233,125	59,165	47,716	5,900	5,103	2,490	3,785
Vegetables and preparations, edible long tons	972,794	770,804	707,945	868,468	36,076	33,069	52,978	86,942
Peas and beans (includes seed) 1,000 lb	113,347	127,419	52,267	35,487	3,702	4,256	5,808	5,043
Fresh vegetables do	683,106	701,918	444,824	468,916	13,341	15,507	13,396	21,164
Seed potatoes do	338,060	338,924	571,013	939,640	4,727	4,321	19,108	33,081
Potato flour do	286,849	190,389	26,321	131,720	5,177	3,597	2,414	10,715
Fruits, nuts, and preparations do	145,693	108,883	64,828	99,979	5,842	5,803	10,434	11,971
Vegetable oils and fats do	517,499	445,402	16,038	35,717	36,428	25,769	3,073	8,490
Cocoa and chocolate do	15,344	16,552	18,664	43,735	2,213	2,178	6,401	22,639
Sugar do	148,096	139,922	871	109,529	2,521	2,247	49	8,056
Beverages do	113,246	103,008	--------	--------	4,992	4,737	6,843	14,666
Beer 1,000 gal	2,928	2,948	1,916	6,128	1,546	1,547	1,992	7,370
Oilseeds 1,000 lb	28,492	34,268	6,973	22,119	1,180	1,462	1,185	4,157
Seeds, except oilseeds do	25,450	27,928	15,113	17,174	2,847	2,934	5,518	6,744
Flower bulbs and roots do	95,078	114,981	66,378	75,748	15,452	17,232	21,254	27,030
Tobacco and manufactures do	12,511	10,963	--------	--------	2,613	2,526	2,755	3,177
Other vegetables and products (except fibers and wood) 1,000 lb	755,541	807,309	--------	--------	17,013	16,093	11,463	25,884
Textile fibers and manufactures 1,000 long tons	165	180	--------	--------	60,435	53,747	39,162	109,628
Synthetic yarn 1,000 lb	17,939	14,508	6,010	14,090	9,306	7,378	7,556	20,305
Cloth (piece goods), except woven with rubber 1,000 lb	58,510	53,909	8,580	--------	27,913	24,915	14,087	47,768
Cotton do	50,604	46,585	7,048	--------	24,777	21,254	9,570	29,057
Wool and wool mixtures do	637	1,166	657	3,135	711	1,396	2,139	11,142
Silk and synthetic, and mixtures 1,000 lb	1,052	1,400	520	1,279	716	817	1,722	4,528

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Textile fibers and manufactures—Con.								
Clothing (except woven with rubber) .... 1,000 lb..	966	1,197	--------	--------	896	1,400	3,238	7,812
Other textile fibers and manufactures .... 1,000 lb..	293,113	332,690	--------	--------	22,320	20,054	14,280	33,743
Wood and paper .... 1,000 long tons..	500	405	--------	--------	23,179	19,454	8,222	23,606
Wood manufactures .... 1,000 lb..	58,766	49,822	--------	--------	2,281	2,140	1,756	5,504
Furniture .... do....	571	582	648	6,931	118	124	351	3,226
Strawboard .... do....	641,126	472,593	93,885	258,022	7,869	6,752	2,589	8,131
Other wood and paper .... do....	419,564	384,273	--------	--------	13,030	10,562	3,877	9,970
Nonmetallic minerals .... 1,000 long tons..	9,471	8,807	2,345	3,105	48,190	45,926	17,051	30,043
Coal (except bunker) .... do....	3,900	3,363	--------	--------	20,779	18,906	3	2
Coke and briquets .... do....	2,842	2,565	436	525	16,470	16,117	7,817	11,389
Other nonmetallic minerals .... do....	2,729	2,729	1,908	2,581	10,942	10,903	9,230	18,651
Metals and manufactures (except machinery and vehicles) ... 1,000 long tons..	915	611	--------	--------	71,049	51,856	17,877	49,020
Steel mill products .... long tons..	806,934	521,630	--------	--------	23,443	15,457	9,817	22,514
Pig and scrap iron .... do....	718,118	443,145	127,293	219,081	16,374	8,735	6,762	11,691
Iron and steel manufactures .... do....	20,584	23,572	--------	--------	3,565	4,182	1,984	6,041
Tin, in blocks .... do....	25,331	24,948	267	4,770	30,739	22,933	446	8,310
Other metals and manufactures long tons..	62,481	40,461	--------	--------	13,303	9,284	5,629	12,156
Machinery and vehicles .. 1,000 long tons..	120	158	--------	--------	65,787	77,824	40,159	101,467
Electrical machinery and apparatus long tons..	23,428	23,908	--------	--------	39,494	38,561	29,625	55,490
Radio apparatus .... 1,000 lb..	22,983	17,950	5,970	11,958	28,981	24,665	16,152	31,559
Electrical appliances and materials for high voltage ... 1,000 lb..	4,802	5,531	2,189	4,059	2,318	3,222	2,323	4,378
Incandescent lamps .. thousands..	24,920	21,391	48,918	62,901	4,060	3,485	6,283	9,460
Dredges, floating drydocks, elevators, and similar floating machinery and parts .... 1,000 lb..	44,176	63,865	2,617	54,612	4,345	7,800	440	13,676
Metalworking machinery .... do....	44,976	53,393	908	802	8,397	9,468	620	804
Other industrial machinery ..... do....			--------	--------			3,976	8,593
Vehicles and parts .... do....	110,689	164,761	--------	--------	10,721	17,927	4,225	18,423
Ships and boats ... capacity tons..	90,353	127,349	7,100	41,511	5,881	15,138	2,086	8,866
Aircraft, motors, and n. e. s. parts 1,000 lb..	582	234	--------	--------	1,848	699	321	3,499
Other machinery and vehicles .. do....	15,719	17,403	--------	--------	2,829	4,068	1,273	4,482
Chemicals and related products 1,000 long tons..	1,104	1,017	75	332	40,285	36,320	15,215	50,499
Coal-tar products[1] .... 1,000 lb..	208,661	222,960	27,637	59,004	3,153	3,418	1,925	4,319
Medicinal and pharmaceutical preparations .... 1,000 lb..	3,761	3,790	800	2,875	6,379	5,857	1,879	9,904
Quinine sulfate, salts, and compounds .... 1,000 lb..	1,279	1,096	29	858	5,006	4,186	190	5,831
Industrial chemicals and specialties long tons..	144,709	119,352	20,544	43,011	10,747	7,951	5,476	14,193
Pigments, paints, and varnishes[2] 1,000 lb..	70,752	63,715	16,455	36,323	5,689	4,809	4,373	11,938
Fertilizers and fertilizer materials 1,000 long tons..	829	765	34	245	13,526	13,146	1,264	9,618
Other chemicals and related products 1,000 lb..	8,331	7,090	683	941	791	1,139	299	527
Miscellaneous .... 1,000 long tons..	231	201	--------	--------	14,069	15,965	8,366	19,192
Scientific, professional, optical, photographic, and projection goods 1,000 lb..	1,764	1,969	646	1,270	3,006	3,930	1,724	3,993
Books and other printed matter, n. e. s. .... 1,000 lb..	9,806	10,668	2,657	8,362	2,879	3,225	1,846	4,691
Other .... do....	31,312	33,252	--------	--------	5,104	5,451	2,872	6,203
Bunker material for foreign sea and aircraft .... 1,000 lb..	443,680	371,252	64,663	199,825	1,371	1,382	554	1,718
Provisions and other stores for foreign ships (except bunker) .... 1,000 lb..	31,755	33,450	10,161	14,667	1,708	1,976	1,369	2,587
Parcel post[3]	--------	--------	--------	--------	5,654	6,213	820	2,979
Gold bullion and coin[3]	--------	--------	--------	--------	55,456	356,137	--------	--------
Silver bullion and coin[3]	--------	--------	--------	--------	3,167	3,004	363	448
Diamonds (sold)[3]	--------	--------	--------	--------	22,367	12,839	10,619	9,289

n. e. s. Not elsewhere specified in source.
[1] Coal-tar dyes reported with pigments, paints, and varnishes.
[2] Includes coal-tar dyes.
[3] Not included in total.

Trade with the United States by Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption from the United States, total, excluding diamonds	-------	-------	-------	-------	**75,045**	**84,369**	**201,497**	**450,342**
Meats ... 1,000 lb	1,728	2,359	37,088	7,694	193	259	5,768	1,550
Animal fat, melted ... do	597	558	14,063	8,929	43	40	1,144	1,658
Hides, skins, and raw furs ... do	2,454	1,265	13,278	9,392	385	152	2,406	2,750
Leather ... do	326	348	5,018	840	661	466	2,736	2,470
Other animals and products, n. e. s. ... do	4,460	6,768	55,406	20,836	439	464	[1] 11,582	4,082
Wheat ... 1,000 bu	4,963	10,490	13,063	11,114	6,835	10,405	24,175	33,265
Corn ... do	814	14,594	317	6,148	615	10,806	577	13,335
Wheat flour ... 1,000 bbl	439	492	524	2,091	2,578	2,382	3,933	25,707
Other grains and preparations ... 1,000 lb	88,905	106,630	53,755	69,518	1,543	1,651	2,345	3,348
Fodders and feeds ... long tons	75,333	74,946	7,316	38,728	2,730	2,795	418	4,390
Fruits and nuts ... 1,000 lb	54,809	129,269	4,647	16,878	2,925	5,084	667	[2] 2,768
Vegetable oils and fats ... do	545	494	13,034	24,184	46	41	1,112	6,068
Automobile tires and tubes ... thousands	142	127	141	541	735	786	1,911	7,584
Naval stores, gums and resins ... 1,000 lb	14,198	13,384	5,736	13,056	523	299	444	1,251
Synthetic resins ... do	106	322	452	2,335	18	56	127	721
Seeds, except oilseeds ... do	1,067	1,728	4,145	4,142	123	177	1,843	1,630
Tobacco, unmanufactured ... do	19,434	19,301	16,224	58,272	2,598	2,669	6,819	21,828
Other vegetable products, n. e. s. ... do	54,302	51,967	29,762	8,263	1,517	1,355	1,931	1,347
Cotton, raw; incl. waste and linters ... 1,000 lb	63,248	51,292	26,319	49,070	8,602	5,436	7,723	16,129
Wool, unspun ... do	24	29	1,111	2,295	5	2	482	1,201
Yarns ... do	57	123	390	3,179	10	9	437	3,017
Cloth ... do	3,034	3,053	6,078	5,847	468	476	6,609	5,720
Clothing and dressed furs ... do	240	333	5,326	2,414	343	564	7,321	3,243
Wood and lumber	-------	-------	-------	-------	1,668	1,606	6,671	11,390
Coal, except bunker ... long tons	2,569	-------	103,746	150,669	14	-------	874	2,935
Gasoline ... 1,000 bbl	1,141	1,046	766	448	3,567	2,595	3,829	1,583
Kerosene ... do	994	514	923	194	2,679	1,146	2,723	654
Gas and fuel oil ... do	1,036	1,095	574	406	2,488	2,100	1,641	1,398
Lubricating oil ... do	110	122	312	417	1,184	1,255	4,206	6,926
Iron and steel and manufactures ... long tons	45,206	89,283	115,716	212,225	4,408	6,309	11,373	31,943
Sheets and plates ... do	21,374	60,408	51,545	70,973	1,604	3,477	4,334	10,258
Bars and rods ... do	204	626	8,236	73,830	16	79	793	9,294
Other ... do	8,232	13,172	29,054	36,528	954	978	2,649	7,316
Tinplate and manufactures ... do	15,397	15,078	26,880	30,893	1,834	1,775	3,597	5,075
Copper, alloys, and manufactures ... 1,000 lb	15,494	11,239	8,333	23,325	2,023	1,181	1,119	5,376
Electrical machinery and apparatus ... long tons	1,147	881	946	2,112	984	898	1,790	3,703
Engines, turbines, and parts, n. e. s.[3]	-------	-------	-------	-------	1,333	1,222	1,974	6,704
Metalworking machinery ... long tons	-------	-------	1,678	4,123	2,915	3,236	2,108	6,067
Other industrial machinery and tools ... long tons	-------	-------	-------	-------			2,337	12,280
Agricultural machinery ... do	303	245	1,208	2,894	88	82	522	1,688
Other machinery ... do	540	653	654	1,909	336	409	764	2,091
Office appliances ... number	11,201	10,463	5,733	15,128	1,019	881	1,180	3,538
Typewriters ... do	8,995	8,534	4,568	11,690	406	372	459	1,215
Automobiles and chassis ... do	3,107	2,942	4,099	10,416	2,592	2,610	10,532	16,158
Automobile parts n. e. s. (excludes motors) ... long tons	8,438	6,247	3,299	9,420	2,270	1,989	2,102	6,374
Ships and boats ... capacity tons	1	1	2,365	422,991	2	6	1,120	62,615
Aircraft and parts, n. e. s. (excludes motors) ... number	15	7	51	43	1,612	1,073	4,761	7,275
Other vehicles and parts, n. e. s.	-------	-------	-------	-------	845	1,823	3,079	7,388
Coal-tar products[4] ... 1,000 lb	1,506	844	2,524	46,579	216	181	969	3,479
Coal-tar dyes ... do	723	362	699	2,028	185	161	848	2,760
Medicinal and pharmaceutical preparations ... 1,000 lb	346	278	1,378	606	145	125	2,443	1,573
Chemical products, n. e. s. ... long tons	6,364	5,949	13,765	23,829	1,274	1,420	4,006	9,162
Pigments, paints, and varnishes ... 1,000 lb	3,183	2,727	6,949	15,957	267	220	700	2,294
Fertilizer materials, incl. phosphate rock ... long tons	67,637	67,894	48,889	83,020	864	855	4,463	4,731
Optical, scientific, professional instr., photographic and projection goods ... 1,000 lb	170	163	273	[5] 908	357	310	1,181	[5] 2,970
Other merchandise	-------	-------	-------	-------	5,960	4,463	30,520	62,985
Diamonds, bought	-------	-------	-------	-------	7	3	103	419

See footnotes at end of table.

Trade with the United States by Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports to the United States, total, excluding diamonds	-	-	-	-	**31,845**	**20,430**	**14,306**	**19,122**
Cheese ... 1,000 lb	5,500	3,640	-	337	551	381	-	138
Herring ... do	15,002	10,703	3,547	2,149	361	338	319	175
Canned fish and other food specialties n. e. s. ... 1,000 lb	4,142	1,658	29	201	815	321	9	65
Hides, skins, and raw furs ... do	2,299	1,702	154	73	422	419	189	37
Leather ... do	686	635	15	15	1,607	1,139	75	147
Cocoa press cake and meal ... do	63,144	34,264	-	5,033	260	232	-	117
Vegetables, canned ... do	7,191	4,877	606	1,087	200	141	66	146
Potato flour ... do	10,986	6,548	2,218	1,080	201	145	191	95
Vegetable oils and fats ... do	109,633	26,819	-	181	6,588	1,217	-	[6] 162
Cocoa and chocolate ... do	3,688	3,926	736	1,920	426	425	205	693
Beer ... 1,000 gal	86	227	334	329	155	169	386	411
Vegetable seeds ... 1,000 lb	4,762	4,032	1,876	2,405	503	478	356	535
Flower seeds ... do	79	93	62	101	64	80	110	221
Seeds, other ... do	19,248	18,871	3,382	7,941	1,028	1,059	679	1,387
Flower bulbs, roots, etc ... do	13,146	14,321	24,764	19,076	2,174	2,222	7,581	7,025
Cordage and twine ... do	15,366	17,388	68	150	1,058	1,153	18	48
Yarns ... do	256	18	2	181	59	5	5	93
Cloth ... do	10,489	7,116	1,561	1,109	1,441	829	327	378
Hemp, jute, and other fibers; jute cloth and bags ... 1,000 lb	6,411	4,405	910	569	427	244	424	217
Paper, related products, and manufactures ... 1,000 lb	4,383	1,036	141	9,773	95	46	18	617
Rags and waste paper ... long tons	10,845	4,274	335	202	590	221	23	21
Iron and steel, and manufactures ... do	29,289	23,280	4	2,435	698	792	1	171
Pig iron ... do	27,296	21,925	-	2,419	527	711	-	164
Tin, in blocks ... 1,000 lb	4,755	4,627	-	185	2,513	1,955	-	149
Miscellaneous metals, alloys, and manufactures ... 1,000 lb	148	229	366	463	38	104	50	257
Machinery and apparatus, including insulated wire ... 1,000 lb	201	331	214	265	101	344	119	261
Coal-tar products, except dyes ... do	11,098	12,284	-	4,731	125	141	-	98
Quinine sulfate and other quinine salts and compounds ... 1,000 lb	207	157	11	101	992	706	88	688
Medicines, other ... do	172	214	2	18	54	87	207	646
Dextrine ... do	1,241	1,105	5,534	1,102	37	35	466	101
Chemical products, n. e. s. ... long tons	9,652	7,877	436	198	1,104	857	234	134
Pigments, paints, and varnishes[7] ... 1,000 lb	11,257	8,384	15	262	387	277	5	58
Books, and other printed matter ... do	207	231	220	295	258	242	325	314
Other merchandise	-	-	-	-	6,513	3,626	1,830	3,517
Diamonds, sold	-	-	-	-	8,734	4,296	7,876	3,497

n. e. s. Not elsewhere specified in source.

[1] Includes 2,996 long tons of footwear valued at $8,869,000.

[2] Includes 7,477 long tons of shelled peanuts valued at $2,751,003.

[3] Mostly n. e. s. parts for combustible engines.

[4] Includes wood-tar pitch.

[5] Includes $91,977 photographic appliances, weight unknown.

[6] All cocoa butter.

[7] Includes coal-tar dyes.

FINANCE

Government Receipts and Expenditures (Millions of Guilders)

Item	1937	1938	1945	1946	1947
Receipts[1]	756.0	871.0	956.0	3,345.8	2,598.9
Total revenue from taxes	350.2	375.2	537.3	2,160.0	2,019.0
Direct taxes[2]	138.0	156.5	335.3	1,628.0	1,476.0
Income taxes[3]	72.5	84.8	185.4	1,180.0	1,000.0
Inheritance	45.0	50.3	48.8	80.0	60.0
Property	20.5	21.4	22.0	133.0	126.0
Indirect taxes	212.2	219.0	202.0	532.0	543.0
Excise taxes	138.1	141.9	86.2	132.0	213.0
Turnover tax	74.1	77.1	115.8	300.0	330.0
Other ordinary receipts	353.1	360.8	160.7	316.2	382.1
Extraordinary receipts	52.4	134.5	259.5	869.6	197.8
Expenditures[1]	805.0	983.0	3,775.0	6,024.0	4,707.0
Debt service	157.8	151.0	643.8	739.7	789.2
Defense	90.1	147.4	295.1	1,118.3	1,020.7
Education, arts, sciences	140.3	142.2	197.8	262.0	271.0
Social affairs	94.4	97.0	348.0	194.4	141.3
Finances	155.5	259.6	863.4	1,438.0	886.0
Public works	52.8	63.9	377.6	497.2	376.8
Other[4]	114.1	121.2	1,049.3	1,773.8	1,223.5

1 Figures for 1946 and 1947 are estimates of Ministry of Finance; those for 1945 are approximations of the Ministry. In all cases totals represent sum of unrounded figures, hence may differ slightly from sum of rounded amounts.
2 Direct taxes in 1945 includes Equalization tax; in 1946 and 1947 they include Equalization and Corporation taxes.
3 Includes wage tax in 1945, 1946, 1947.
4 Includes figures for Agricultural Crisis Fund in 1945, 1946, 1947.

Public Debt (Thousands of Guilders)

[January 1 of years specified]

Type of debt	1937	1938	1947	1948
Funded	2,870,132	3,253,463	7,154,000	7,099,000
Floating	306,750	445,000	9,686,000	12,776,000
Foreign credits	(1)	(1)	1,523,000	1,711,000
Total	3,176,882	3,698,463	18,363,000	21,586,000

1 Foreign debt nil in 1937, 1938.

Commercial Banking [1], November 30, 1947

Item	Million guilders	Item	Million guilders
Assets		Liabilities	
Cash	130	Capital and reserve	301
Treasury paper	2,844	Deposits, reserves and miscellaneous debtors	3,486
Other government paper	72	Total	3,787
Other assets including bonds, syndicates and participations	724		
Buildings	17		
Total	3,787		

1 These figures represent the combined balance sheets of the 5 largest commercial banks, namely, the Amsterdamsche Bank, Rotterdamsche Bank, Incasso Bank, Twentsche Bank and Nederlandsche Handel Maatschappij.

Currency and exchange.—Unit, the guilder (in Dutch "gulden") or florin (usually abbreviated f. or fl). Gold standard officially suspended September 1936. On March 16, 1940, gold reserve of the Netherlands Bank revalued at .49776 grams to the guilder. On December 18, 1946, for the purpose of operations of the International Monetary Fund, the gold content of the guilder was fixed at .334987 grams. The central bank, the Netherlands Bank (nationalized in 1947), possesses exclusive right to issue bank notes.

Note circulation and reserves, 1937, 1938, 1943, 1946, 1947 consecutively: Total notes (millions of guilders) 891, 980, 3,631, 2,853, 3,105; gold reserves (millions of U. S. dollars), 933, 998, 393, 265, 232.

Average Exchange Rates of the Guilder [1]

Year or period	Rate	Year or period	Rate	Month	1946	1947	Month	1946	1947
1924	$0.3821	1938	$0.5501	Jan	$0.3793	$0.3780	July	$0.3780	$0.3776
1925-32 av	.4019	1939	.5334	Feb	.3793	.3780	Aug	.3780	.3775
1933	.5172	1940	[2] .5313	Mar	.3780	.3779	Sept	.3780	.3775
1934	.6738	1941-44	(3)	Apr	.3780	.3776	Oct	.3780	.3776
1935	.6771	1945	[2] .3793	May	.3780	.3776	Nov	.3780	.3777
1936	.6448	1946	.3781	June	.3780	.3775	Dec	.3780	.3770
1937	.5505	1947	.3776						

[1] Averages of certified noon buying rates in New York for cable transfers.
[2] Average of daily rates for that part of the year during which quotations were certified.
[3] No quotations certified.

PRINCIPAL SOURCES

Statistisch Bulletin van het Centraal Bureau voor de Statistiek.
Statistisch Zakboek 1944–46.
Jaarstatistiek van den In-, Uit- en Doorvoer. (Annual).
Maandstatistiek van den In-, Uit en Doorvoer van Nederland. (Monthly)

NORWAY

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 124,587 square miles (land area, 119,148). Legal population, various censuses; 1930, 2,814,194; 1920, 2,649,775; 1910, 2,391,782; 1900, 2,240,032; 1890, 2,000,917. Estimated population, December 31, 1947, 3,164,000. Urban population, 1930, 1,077,043 (38.3 percent of total). Leading cities, 1930: Greater Oslo (including Akershus), 490,063; Oslo proper, 253,124; Bergen, 98,303; Trondheim 54,458; Stavanger, 46,870; Drammen, 25,493.

Education.—School enrollment: Elementary, 1944–45, 293,432; secondary, 1944–45, 49,572; university, 1937, 5,612; 1943, 5,836; 1944, 936.

AGRICULTURE

Land distribution, 1939 agricultural census (thousand acres): Cultivated land, 2,037; permanent meadow, 721; forests, 18,518; other, 55,053.

Livestock, 1947, with 1946 figures in parentheses (thousands): Cattle, 1,225 (1,267); sheep, 1,698 (1,707); swine, 259 (257); goats, 155 (178); horses, 225 (238).

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (in thousands of units—bushels except as indicated)				
	1937	1938	1942	1946	1947	1937	1938	1942	1946	1947
Wheat	79	86	122	95	72	2,497	2,637	3,059	2,935	1,698
Rye	15	13	11	6	3	443	433	297	197	79
Barley	149	148	130	100	97	5,933	5,711	4,376	4,314	3,718
Oats	211	211	225	206	187	12,985	13,554	10,736	12,801	9,062
Mixed grain	11	11	19	12	9	[1] 10	[1] 11	[1] 15	[1] 12	[1] 7
Potatoes	128	132	195	154	140	31,620	34,452	43,419	44,255	33,750
Hay (sown)	1,287	1,298	1,496	1,544	1,588	[1] 2,901	[1] 3,000	[1] 1,921	[1] 2,529	[1] 2,489
Fodder roots	46	45	60	49	43	[1] 720	[1] 733	[1] 714	[1] 617	[1] 521

[1] Unit, metric ton.

Fisheries.—Total value of fish catch (not including whale catch), in million kroner: 1947, 295.9; 1937, 92.3. Individual fish catch, 1947, in metric tons, with 1937 data in parentheses: Winter herring, 531,500 (342,990); cod, 229,002 (199,760); brisling, 9,500 (9,002); mackerel, 14,000 (9,736); coal fish, 35,000 (41,936); Icelandic herring, 46,180 (24,253). Whale catch in 1947 was valued at 332 million kroner.

MINING, WATER POWER, AND MANUFACTURES

Production values, 1946, with 1945 data in parentheses (thousands of kroner): Mineral ores, 28,370 (18,713); smelted metals (65,207).

Production of electricity (million kilowatt-hours), 1947, with 1946 data in parentheses: Total, 11,260 (11,261); supplying electrochemical and metallurgical industries, 4,378 (4,103); supplying other industries, 707 (769); supplying domestic users, 6,175 (6,389). Installed power, 1947: 1,660,000 kilowatts (1,309,000 in 1937). Estimated potential hydroelectric resources (October 1946 estimate), annual energy production of 80 billion kilowatt-hours.

Industrial production index, yearly averages (1938=100): 1937, 100.3; 1942, 83.0; 1946, 100.4; 1947, 115.0.

Registered unemployment (year end): 1937, 33,906; 1938, 34,873; 1942, 4,747; 1946, 12,246; 1947, 8,514.

Mineral and Metal Production

Product	Production (metric tons)					Value (thousands of kroner)				
	1937	1938	1942	1945	1946	1937	1938	1942	1945	1946
Pyrites	1,048,300	1,027,776	822,207	247,465	539,850	17,626	18,167	22,287	8,187	15,787
Silver ore	14,816	14,907	13,450	7,481	7,794	458	387	679	253	514
Nickel ore	22,147	34,220	21,837	12,701	(1)	1,208	1,521	1,771	1,085	(1)
Copper ore	30,687	35,105	22,238	9,785	15,688	4,436	5,017	8,050	3,111	6,513
Iron ore, titanium	1,075,558	1,474,478	345,211	106,850	112,546	17,862	28,252	9,941	3,870	4,541
Silver bars	8.6	7.3	8.1	4.1	5.6	501	390	819	495	731
Copper	8,302	10,547	4,597	1,692	7,549	8,985	8,997	8,754	2,076	11,294
Nickel	6,740	8,467	949	1,555	5,191	20,149	27,705	4,991	7,775	19,170
Pig iron	36,084	38,121	48,607	31,839	73,061	4,876	5,357	12,278	8,444	20,515
Aluminum	23,043	29,035	20,498	4,608	16,692	36,244	45,179	43,007	9,692	(1)
Ferroalloys	145,154	135,627	62,231	19,156	62,349	43,256	41,561	27,856	11,813	38,666
Lead, zinc, tin	41,757	47,104	7,742	9,361	30,559	20,763	16,182	6,841	8,693	31,545

[1] Not available.

Production of Leading Products

Product	1937	1938	1942	1943	1944	1945
Wood pulp, mechanical[1] ... metric tons	1,086,744	899,167	336,362	255,134	151,043	209,827
Wood pulp, sulfite cellulose[1] ... do	478,564	401,384	292,509	267,253	210,611	129,639
Wood pulp, sulfate cellulose[1] ... do	73,879	53,947	33,969	37,896	32,938	19,081
Newsprint ... do	190,000	160,227	33,254	31,014	25,131	54,582
Planed lumber ... 1,000 cubic feet	19,792	18,567	18,526	13,594	10,028	8,943
Sawn lumber ... do	28,885	30,719	34,089	24,851	21,917	17,870
Margarine ... metric tons	53,399	54,699	25,106	27,417	24,410	26,390
Beer[2] ... 1,000 gal	13,404	13,410	16,647	18,041	18,291	16,567
Herring oil ... do	3,591	7,458	2,651	2,121	1,989	4,266
Whale oil ... do	52,615	49,180	3,236	3,584	4,082	7,417
Canned herring and brisling ... metric tons	29,900	27,200	14,900	12,900	8,700	14,700
Shoes ... 1,000 pair	3,485	3,155	731	810	809	1,133
Nitrates[3] ... metric tons	404,441	415,792	334,535	508,871	240,934	494,517
Calcium carbide ... do	39,473	51,225	28,997	29,418	20,304	11,421
Cyanamid ... do	37,134	45,586	34,110	47,697	51,822	13,138
Cement ... do	320,481	390,284	373,648	311,152	320,175	141,800

[1] Data are for wet weight mechanical, dry weight chemical pulp.
[2] Includes also beer without alcohol.
[3] Group includes nitrate of lime, nitric acid, nitrate of soda, calcium nitrate, and ammonium nitrate.

TRANSPORTATION AND COMMUNICATION

Statistics of Railways, Years Ended June 30

Item	1937	1938	1941	1942	1943	1944	1945
Length of line...miles	2,484	2,478	2,582	2,582	2,594	2,657	2,657
Locomotives...number	536	529	534	523	564	602	630
Passenger cars...do	1,404	1,405	1,412	1,381	1,381	[1] 1,401	1,396
Freight cars...do	12,219	12,167	12,387	12,370	12,379	12,450	12,521
Passengers carried...thousands	20,964	21,822	25,532	31,914	40,324	46,438	47,661
Passenger-miles...do	252,635	436,861	476,565	570,556	649,393	675,666	664,027
Freight carried[2]...1,000 metric tons	11,888	13,264	5,096	5,311	6,580	6,253	4,305
Metric-ton miles...thousands	478,743	512,922	404,750	417,434	459,130	444,409	367,789
Gross receipts[3]...1,000 kroner	80,387	88,040	168,510	214,902	269,561	253,213	260,250
Passenger service...do	36,566	38,623	73,608	98,812	125,844	133,683	135,779
Freight service...do	39,908	45,219	84,958	104,951	121,973	106,728	104,850

[1] Postal cars also included.
[2] Revenue freight only.
[3] Including miscellaneous receipts not shown separately.

Shipping.—Entrances, 1946 with 1945 figures in parentheses: Number of vessels, 5,333 (2,690); capacity (1,000 net registered tons), 4,390 (1,818), of which with cargo, 2,896 (1,378).

Merchant Marine Vessels [1], Years Ended December 31

Item	1937	1938	1942	1943	1944	1945	1946	1947
Vessels...number	4,181	4,308	4,054	4,086	4,072	4,142	4,475	4,755
Capacity...1,000 gross tons	4,543	4,756	3,361	3,035	2,891	3,028	3,437	4,100
Steam power...do	1,890	1,853	2,244	2,019	1,958	2,134	2,338	2,657
Motor power...do	2,647	2,897	1,114	1,013	931	892	1,096	1,440
Tankers[2]...do	1,723	1,833	1,376	1,201	1,162	1,292	1,444	1,594

[1] Steam and motor ships of 25 tons or over and sailing vessels of 50 tons or over included.
[2] Includes only ships of 100 tons or over.

Civil aviation.—1947, with 1946 data in parentheses: Miles flown, 2,806,864 (1,356,516); passengers carried, 102,702 (49,037); mail, freight, and baggage, tons carried, 875.2 (383.0).

Postal, Telegraph, and Telephone Statistics, Years Ended June 30

Item	1937	1938	1942	1945	1946
Postal service:					
Number of offices	4,396	4,466	4,754	4,822	4,868
Pieces of mail[1]...thousands	350,734	361,850	370,814	465,000	549,000
Gross receipts...1,000 kroner	36,271	37,283	52,914	68,907	69,800
Telegraphs:					
Length of wire...miles	22,027	21,745	13,982	10,688	9,880
Messages sent and received[2]...thousands	3,927	3,907	4,570	7,816	7,965
Gross receipts...1,000 kroner	7,671	8,084	9,098	17,265	20,864
Telephones (government and private):					
Length of wire...miles	688,1(7	738,927	899,177	967,665	[3] 793,839
Number of instruments	217,123	230,173	270,942	307,044	[3] 229,277
Gross receipts...1,000 kroner	37,846	38,835	59,685	72,979	[3] 64,556

[1] Years ended December 31.
[2] Includes also messages received from foreign sources. Those in transit not included.
[3] Government telephones only.

FOREIGN TRADE

Per capita trade.—1947: Imports, $242.70; exports, $115.40.

Basis of trade statistics.—In the tables which follow, the export totals and the country detail shown for all years include both domestic exports and reexports; however, figures shown for individual commodities for 1937 and 1938 represent domestic exports only.

Imports are f. o. b.; exports, c. i. f. For imports country of origin is shown; for exports, country of ultimate consumption.

Foreign trade values have been converted to dollars at the average annual exchange rates quoted in the table on page 136.

Value of Imports and Exports

Year	Thousands of kroner		Thousands of dollars		Year	Thousands of kroner		Thousands of dollars	
	Imports	Exports	Imports	Exports		Imports	Exports	Imports	Exports
1934	737, 207	578, 287	186, 661	146, 422	1941	1, 124, 916	574, 665	255, 693	130, 621
1935	825, 092	605, 077	203, 220	149, 030	1942	943, 839	491, 610	214, 535	111, 741
1936	926, 982	685, 169	230, 262	170, 196	1943	1, 008, 230	539, 166	229, 171	122, 552
1937	1, 292, 717	823, 258	319, 689	203, 592	1944	721, 505	517, 243	163, 998	117, 569
1938	1, 192, 650	786, 529	291, 603	192, 306	1945	1, 205, 670	326, 186	253, 070	68, 446
1939	1, 366, 230	807, 548	316, 555	187, 109	1946	2, 196, 800	1, 201, 566	441, 996	241, 755
1940	948, 016	612, 020	215, 484	139, 112	1947	3, 816, 599	1, 814, 388	767, 900	365, 055

Trade with Principal Countries (Thousands of Dollars)

Country of origin or consumption	Imports				Exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**319, 689**	**291, 603**	**441, 996**	**767, 900**	**203, 592**	**192, 306**	**241, 755**	**365, 055**
United States	27, 270	29, 116	95, 980	190, 774	19, 894	14, 880	12, 767	17, 849
Canada	9, 619	11, 200	26, 546	20, 263	622	602	1, 190	4, 630
Argentina	12, 202	5, 629	11, 084	32, 151	2, 908	2, 428	8, 229	9, 202
Belgium and Luxembourg	13, 943	10, 212	25, 874	48, 815	8, 322	6, 429	12, 924	19, 681
Czechoslovakia	7, 698	5, 651	10, 690	13, 957	3, 494	2, 098	5, 720	12, 851
Denmark	14, 523	10, 205	21, 570	36, 862	7, 295	8, 306	26, 108	27, 740
Finland	4, 623	1, 543	3, 116	5, 932	4, 104	3, 105	3, 264	11, 532
France	10, 585	8, 883	12, 986	30, 507	10, 765	12, 683	17, 313	23, 204
Germany	54, 175	53, 736	24, 727	14, 246	26, 580	29, 709	12, 816	9, 907
Austria	1, 505	(1)	(1)	131	1, 250	(1)	(1)	1, 642
Italy	3, 547	5, 544	10, 329	22, 648	5, 175	5, 733	9, 402	12, 054
Netherlands	8, 069	9, 465	9, 913	23, 599	6, 891	5, 069	10, 513	18, 613
Poland and Danzig	5, 691	5, 590	4, 116	11, 769	2, 449	2, 745	2, 919	8, 798
Portugal	1, 488	1, 362	1, 655	3, 517	2, 529	3, 655	5, 992	8, 946
Spain	1, 902	1, 202	7, 260	4, 385	1, 486	2, 411	4, 242	2, 810
Sweden	34, 196	33, 505	45, 314	64, 817	16, 358	16, 931	28, 776	38, 876
U. S. S. R.	3, 918	4, 708	2, 190	10, 550	416	2, 341	3, 724	12, 297
United Kingdom	58, 480	47, 261	85, 546	148, 340	51, 190	47, 409	25, 049	53, 015
China	931	1, 494	669	1, 799	1, 849	697	7, 183	3, 708
Manchuria	1, 417	1, 090	------	------	28	7	------	4
India and Burma	2, 972	3, 558	1, 864	3, 532	1, 715	1, 583	1, 931	5, 880
Iran	3, 352	3, 130	3, 167	8, 879	5	51	46	622
Japan and Korea	3, 759	3, 096	1	3	5, 890	4, 866	------	------
Indonesia	5, 203	5, 599	239	724	457	353	45	235
Australia	669	551	2, 126	3, 092	2, 148	1, 344	1, 555	6, 357
British West Africa	2, 103	2, 267	1, 481	4, 408	2, 255	1, 357	383	870
Egypt	305	147	1, 102	544	1, 764	2, 741	6, 341	2, 975
Union of South Africa	315	360	1, 442	1, 798	2, 315	1, 398	4, 950	5, 833
Switzerland	2, 455	2, 930	2, 058	5, 035	1, 272	1, 558	1, 963	3, 587
Cuba	57	244	76	112	528	447	2, 570	3, 737
Brazil	1, 196	1, 191	7, 900	7, 958	1, 749	1, 323	3, 805	7, 154
Palestine	647	1, 268	1, 155	1, 146	179	138	2, 415	2, 935
Spitzbergen	1, 420	1, 594	802	3, 930	252	290	1, 249	2, 142
Other countries	19, 454	18, 272	19, 018	41, 677	9, 458	7, 619	16, 371	25, 306
Percent of total:								
United States	8. 5	10. 0	21. 7	24. 8	9. 8	7. 7	5. 3	4. 9
Argentina	3. 8	1. 9	2. 5	4. 2	1. 4	1. 3	3. 4	2. 5
Belgium-Luxembourg	4. 4	3. 5	5. 9	6. 4	4. 1	3. 3	5. 3	5. 4
Denmark	4. 5	3. 5	4. 9	4. 8	3. 6	4. 3	10. 8	7. 6
France	3. 3	3. 0	2. 9	4. 0	5. 3	6. 6	7. 2	6. 4
Germany and Austria	17. 4	18. 4	5. 6	1. 9	13. 8	15. 4	5. 3	3. 2
Netherlands	2. 5	3. 2	2. 2	3. 1	3. 4	2. 6	4. 3	5. 1
Sweden	10. 7	11. 5	10. 2	8. 4	8. 0	8. 8	11. 9	10. 6
United Kingdom	18. 3	16. 2	19. 4	19. 3	25. 2	24. 6	10. 4	14. 5

[1] Included with Germany.

Imports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports, total, excluding bullion and coin					**319,689**	**291,603**	**441,996**	**767,900**
Meat and meat products .... 1,000 lb	8,589	7,617	12,628	1,806	998	973	3,560	677
Dairy products, eggs and honey .... do	853	840	6,381	562	138	144	2,119	560
Hides and skins .... do	14,478	11,894	8,564	7,877	2,420	1,612	1,517	(1)
Leather .... do	2,039	1,612	1,707	1,905	2,390	1,766	2,397	(1)
Train oil .... do	114,732	131,566	4,126	(1)	5,030	3,986	662	(1)
Vegetable oil .... do	27,039	26,757	18,545	14,487	2,750	2,217	3,185	(1)
Chemicals, drugs .... do	256,554	246,593	124,117	(1)	8,447	8,866	10,272	12,746
Wheat .... 1,000 bu	6,458	6,053	6,803	2,267	8,377	6,354	17,242	(1)
Rye .... do	5,279	5,173	3,344	3,302	4,670	4,001	7,461	(1)
Corn .... do	6,101	5,837	2,684	3,953	4,542	4,628	4,829	(1)
Barley .... do	1,258	572	823	1,546	1,114	465	2,029	(1)
Wheat flour .... 1,000 cwt	707	904	1,700	2,224	2,035	2,091	9,085	(1)
Fruits and nuts .... 1,000 lb	96,077	121,450	65,347	65,308	5,946	7,316	8,159	9,780
Sugar, refined .... do	200,424	213,090	157,275	175,372	3,705	3,948	12,399	(1)
Sugar sirup .... do	40,237	40,477	1,691	10,165	831	869	123	(1)
Coffee, green .... do	36,702	42,732	34,985	24,841	3,741	3,830	6,882	(1)
Spirits .... 1,000 gal	346	357	240	29	1,260	1,304	1,420	(1)
Wine .... do	1,342	1,292	647	1,030	2,059	1,941	1,224	(1)
Fodder .... long tons	153,523	174,532	23,810	99,739	5,739	6,315	1,659	(1)
Tobacco, unmanufactured .... 1,000 lb	6,389	6,332	9,575	9,113	1,760	1,743	5,855	(1)
Copra .... do	81,978	99,075	8,802	43,834	3,422	2,857	578	(1)
Linseed .... 1,000 bu	953	827	49	8	1,410	1,218	131	(1)
Rubber and manufactures .... 1,000 lb	10,346	8,682	9,117	14,562	2,604	2,046	3,869	6,054
Textile fibers: .... do	33,680	27,635	27,106	35,920	4,127	2,720	7,148	11,518
Yarns and thread .... do	24,833	18,510	16,167	20,391	9,404	6,719	11,936	20,468
Textile fabrics, total .... do	34,832	32,369	26,581	27,497	15,083	15,711	28,836	55,675
Silk and rayon .... do	1,318	1,190	930	1,816	2,234	2,162	4,263	(1)
Wool .... do	3,739	3,754	1,858	3,396	5,289	5,333	3,879	(1)
Cotton piece goods .... do	13,759	11,786	16,369	15,045	7,265	6,090	16,101	(1)
Other .... do	16,016	15,639	7,424	7,240	2,306	2,126	4,593	(1)
Clothing, except footwear .... do	3,047	3,029	4,545	[2] 4,182	7,123	7,468	16,967	6,826
Footwear .... do	1,131	917	2,713	2,561	1,363	1,197	1,918	3,505
Wood and manufactures .... long tons	511,618	170,419	88,356	(1)	9,154	4,039	6,239	(1)
Wood pulp:								
Dry .... short tons	11,747	12,012	39,239	(1)	583	521	3,243	(1)
Wet .... do	17,755	9,409	9,191	(1)	344	201	876	(1)
Paper and manufactures .... 1,000 lb	23,281	23,027	7,916	(1)	2,304	2,261	1,806	(1)
Coal .... 1,000 short tons	2,920	2,502	1,659	2,239	14,249	13,277	21,964	(1)
Gasoline .... 1,000 bbl	1,417	1,502	1,848	1,963	4,771	4,483	6,817	(1)
Gas and fuel oil .... long tons	314,101	331,955	332,505	683,448	4,081	4,318	7,160	(1)
Mineral oils, other .... do	69,867	78,976	57,252	62,342	2,392	2,399	11,146	(1)
Coke and cinders .... 1,000 short tons	896	727	354	342	7,232	5,779	5,199	(1)
Salt .... 1,000 lb	582,389	525,184	481,234	552,263	1,602	1,468	3,944	(1)
Pottery and clay products .... do	61,991	57,143	33,092	40,836	1,970	1,978	1,879	4,490
Glass and glassware .... do	15,681	12,416	9,082	25,040	1,643	1,489	1,989	4,664
Manganese ore .... do	228,278	274,166	105,812	229,757	1,987	2,185	1,341	(1)
Aluminum ore .... long tons	80,316	70,578	24,853	63,469	3,921	4,144	2,026	(1)
Zinc ore .... 1,000 lb	168,777	245,006	161,725	182,883	2,782	2,380	3,201	(1)
Iron and steel and manufactures .... short tons	433,095	273,509	231,282	(1)	30,854	22,719	35,020	(1)
Nonferrous metals and manufactures .... 1,000 lb	70,629	72,414	67,364	49,265	12,193	11,570	13,179	(1)
Machinery, except electric and parts .... 1,000 lb	37,868	37,699	28,283	(1)	14,916	14,887	15,489	35,099
Electric machinery and apparatus .... do	29,954	32,035	22,946	(1)	10,186	10,082	12,926	23,807
Automobiles and chassis .... number	12,759	12,721	7,393	8,300	8,145	8,182	11,287	13,083
Aircraft and parts .... long tons	101	194	65	(1)	282	267	1,633	(1)
Ships .... gross registered tons	438,177	377,574	361,069	915,442	35,946	36,850	50,879	150,106
Dyeing, tanning and coloring substances .... 1,000 lb	43,704	39,037	34,667	49,942	3,122	2,845	4,273	9,022
Fertilizers .... do	298,721	320,679	387,213	347,222	2,515	2,997	7,041	6,962
Other merchandise	....	....	....	....	28,016	25,977	37,977	(1)
Bullion and coin:[3]								
Gold crude	....	....	....	....	32	7,605	....	....
Silver crude	....	....	....	....	179	167	....	....
Silver coin	....	....	....	....	15	38	....	....

[1] Data for 1947 are preliminary; commodity breakdown comparable with that given for previous years not available.

[2] Quantity figure does not include 580,399 hats and caps.

[3] Not included in totals.

Exports of Principal Commodities [1]

Commodity	Unit	Quantity				Value (thousands of dollars)			
		1937	1938	1946	1947	1937	1938	1946	1947
Exports, total, excluding bullion and coin						**203, 592**	**192, 306**	**241, 755**	**365, 055**
Fish and shellfish	1,000 lb	651, 053	570, 329	636, 686	856, 465	32, 143	28, 054	63, 754	87, 931
Fish meal	long tons	43, 738	79, 271	9, 323	7, 032	2, 195	3, 902	890	(2)
Hides and skins:									
Silver fox	number	281, 369	348, 070	126, 690	217, 421	9, 311	9, 364	3, 122	(2)
Blue fox	do	6, 074	6, 243	32, 786	79, 642	156	171	1, 341	(2)
Other	1,000 lb	18, 082	16, 292	4, 118	(2)	3, 520	2, 468	2, 740	(2)
Whale oil	do	1, 819	3, 179	23, 407	(2)	97	116	2, 902	(2)
Other train oil	do	91, 614	87, 395	45, 119	(2)	5	4, 625	9, 796	(2)
Hardened fats:									
Edible	do	80, 410	77, 272	43, 328	(2)	4, 897	3, 906	7, 382	(2)
For technical use	do	50, 382	52, 511	9, 592	(2)	2, 874	2, 457	1, 528	(2)
Wood, cork, and manufactures	long tons	191, 112	157, 072	103, 614	(2)	4, 999	3, 798	3, 480	4, 929
Woodpulp						27, 595	25, 429	14, 632	(2)
Newsprint	1,000 lb	390, 810	332, 108	193, 813	211,024	6, 887	6, 574	10, 564	(2)
Paper and cardboard, other	do	381, 266	244, 704	408, 294	1,623,946	14, 995	9, 759	38, 824	(2)
Iron ore and concentrates	1,000 short tons	1, 131	1, 650	6	6	3, 680	6, 307	22	(2)
Pyrites	1,000 lb	1, 491, 490	1, 443, 916	727, 469	876, 690	2, 932	2, 816	2, 212	(2)
Other ores and concentrates	do	382, 079	370, 854	175, 175	89, 526	2, 913	2, 892	1, 836	(2)
Iron and steel and manufactures:									
Ferrosilicon	do	73, 743	72, 601	47, 284	73, 859	2, 050	1, 979	2, 154	(2)
Ferrochrome	do	32, 810	25, 584	10, 061	25, 730	1, 943	1, 880	1, 284	(2)
Ferromanganese	do	147, 830	82, 839	29, 518	71, 145	4, 624	2, 376	2, 090	(2)
Other	do	177, 084	159, 177	71, 723	131, 101	4, 249	4, 010	2, 815	(2)
Copper, crude	do	14, 190	19, 256	14, 591	13, 867	1, 803	1, 796	1, 845	(2)
Aluminum, crude	do	47, 527	63, 005	21, 210	36, 594	7, 734	10, 658	3, 612	(2)
Zinc, crude	do	82, 040	97, 780	53, 464	52, 816	4, 355	3, 595	4, 982	(2)
Nickel, crude	do	15, 129	16, 393	9, 989	16, 583	5, 609	5, 975	3, 362	(2)
Ships and boats	gross registered tons	116, 833	149, 886	65, 806	(2)	7, 287	9, 739	7, 469	18, 163
Sulfur	long tons	95, 695	75, 421	60, 761	71, 223	1, 662	1, 383	1, 778	(2)
Calcium carbide	1,000 lb	85, 063	98, 845	17, 343	36, 211	1, 464	1, 694	597	(2)
Saltpeter	do	780, 799	891, 598	944, 642	825, 788	9, 982	12, 017	18, 163	(2)
Sodium nitrate	do	83, 856	27, 693	5, 091	8, 876	1, 042	368	168	(2)
Cyanide	do	75, 423	88, 134	71, 863	95, 457	828	1, 015	1, 719	(2)
Other merchandise						26, 678	18, 065	24, 692	254, 012
Reexports						[1] 3, 083	[1] 3, 118	(1)	(1)
Bullion and coin [3]:									
Silver in bars						14	36		(2)
Coin: Gold							600		(2)
Silver						38	37		(2)

[1] Totals include reexports in all years. Figures for commodity detail represent domestic exports in 1937 and 1938; exports including reexports in 1946 and 1947.
[2] Data for 1947 are preliminary; commodity breakdown comparable with that given for previous years not available except as shown.
[3] Not included in total.

Trade with the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports from the United States, total	-------	-------	-------	-------	**27, 270**	**29, 116**	**95, 980**	**190, 774**
Wheat 1,000 bu	325	539	3, 212	(1)	448	609	9, 001	(1)
Rye do	610	1, 513	1, 489	(1)	671	1, 325	3, 469	(1)
Corn (maize) do	98	1, 943	-------	(1)	78	1, 452	-------	(1)
Wheat flour cwt	109, 538	128, 253	587, 883	(1)	329	338	3, 546	(1)
Fruits and nuts except oil nuts 1,000 lb	17, 296	46, 933	3, 489	(1)	1, 237	2, 677	577	7
Sugar, refined and other do	1, 308	790	18, 549	(1)	30	19	1, 140	6
Fodder long tons	4, 168	10, 713	-------	(1)	145	391	-------	996
Tobacco 1,000 lb	4, 785	4, 909	8, 108	(1)	1, 237	1, 248	4, 714	5, 021
Drugs	-------	-------	-------	-------	54	67	755	(1)
Automobile tires (casings) 1,000 lb	656	536	2, 004	(1)	234	167	1, 074	(1)
Synthetic rubber, solid do	-------	-------	1, 779	(1)	-------	-------	368	(1)
Cotton, raw do	7, 112	6, 590	417	(1)	1, 006	694	149	(1)
Textile manufactures	-------	-------	-------	-------	649	593	14, 196	18, 016
Footwear 1,000 lb	4	5	579	(1)	19	24	456	217
Wood, cork and manufactures	-------	-------	-------	-------	890	794	1, 245	2, 146
Coal short tons	-------	-------	750, 675	(1)	-------	-------	10, 827	(1)
Mineral oils, refined 1,000 lb	295, 141	262, 780	247, 956	(1)	3, 000	2, 458	3, 290	(1)
Petroleum coke long tons	10, 039	16	11, 283	(1)	234	297	448	(1)
Lubricants and petroleum jelly 1,000 lb	16, 584	15, 778	34, 589	(1)	719	678	1, 950	(1)
Asphalt long tons	1, 439	2, 137	11, 007	(1)	56	95	508	(1)
Alumina do	7, 980	10, 792	-------	17, 217	708	983	-------	(1)
Iron and steel	-------	-------	-------	-------	2, 518	1, 871	3, 621	13, 982
Copper wire 1,000 lb	6, 427	6, 692	1, 451	(1)	842	730	204	(1)
Lead do	-------	-------	4, 097	(1)	-------	-------	410	(1)
Typewriters number	5, 926	5, 492	2, 704	(1)	270	252	209	(1)
Tractors do	158	381	441	(1)	116	255	362	(1)
Machinery, other	-------	-------	-------	-------	2, 202	2, 266	3, 487	(1)
Automobiles and chassis number	4, 587	4, 345	971	(1)	3, 097	3, 227	1, 490	(1)
Parts for vehicles and planes	-------	-------	-------	-------	1, 264	1, 262	502	(1)
Airplanes number	10	5	22	(1)	50	15	1, 469	(1)
Ships gross registered tons	9, 536	9, 874	120, 809	(1)	261	291	16, 035	(1)
Paints and dyes 1,000 lb	545	538	5, 536	(1)	90	93	948	2, 675
Sulfur long tons	13, 541	5, 972	-------	(1)	300	146	-------	(1)
Rosin 1,000 lb	9, 259	5, 182	20, 165	(1)	361	138	189	(1)
Films do	69	68	.14	(1)	169	149	80	(1)
Other merchandise	-------	-------	-------	-------	3, 986	3, 512	9, 261	(1)
Exports to the United States, total[2]	-------	-------	-------	-------	**19, 894**	**14, 880**	**12, 767**	**17, 849**
Cheese 1,000 lb	814	776	-------	(1)	157	149	-------	(1)
Fish:								
Canned 1,000 lb	36, 004	24, 708	20, 053	(1)	3, 725	2, 836	5, 018	(1)
Other do	14, 712	10, 900	9, 543	(1)	626	494	1, 349	(1)
Fish meal long tons	5, 206	1, 427	988	(1)	234	72	116	(1)
Train oil 1,000 gal	3, 879	2, 826	559	(1)	1, 887	1, 255	954	(1)
Hides and skins	-------	-------	-------	-------	410	285	1, 387	(1)
Artificial silk fiber 1,000 lb	-------	-------	-------	2, 114	-------	-------	716	(1)
Wood pulp short tons	92, 820	70, 038	276	(1)	4, 254	3, 409	35	(1)
Newsprint 1,000 lb	37, 696	25, 336	-------	(1)	544	431	-------	(1)
Aluminum, crude do	7, 847	5, 350	-------	(1)	1, 206	823	-------	-------
Nickel, crude do	561	672	-------	(1)	145	170	-------	(1)
Ferromanganese do	49, 537	27, 892	18, 713	(1)	1, 529	886	1, 494	(1)
Ships gross registered tons	-------	4, 271	-------	-------	-------	181	-------	(1)
Saltpeter, etc 1,000 lb	230, 438	219, 152	14, 223	(1)	2, 796	2, 723	293	(1)
Other merchandise	-------	-------	-------	-------	2, 121	1, 047	1, 406	(1)
Reexports	-------	-------	-------	-------	[2] 260	[2] 119	(2)	(2)

[1] Data for 1947 are preliminary; commodity breakdown comparable with that given for previous years not available except as shown.
[2] Totals include reexports in all years. Figures for commodity detail represent domestic exports in 1937 and 1938; exports including reexports in 1946 and 1947.

FINANCE

Government receipts and expenditures.—Fiscal year ends June 30. Capital receipts include loans, treasury balances, and amortization receipts; capital expenditures are for state enterprises and debt amortization.

Government Receipts and Expenditures (Thousands of Kroner)

Item	1938-39 actual	1945-46 actual	1946-47 estimate
Receipts	**623,531**	**2,082,917**	3,007,065
Income tax[1]	174,725	358,689	359,932
Customs	154,278	119,644	195,000
Consumption taxes	200,910	789,484	1,079,590
Other taxes	29,660	50,252	41,332
All other ordinary	30,168	182,772	317,677
Capital receipts	33,790	582,076	1,013,534
Expenditures	**623,531**	**2,082,917**	3,007,065
Debt service[2]	13,183	124,711	129,989
National defense	66,906	419,659	361,819
Education and art	68,694	90,878	118,321
Social welfare[3]	94,576	136,376	210,663
All other ordinary	182,732	911,319	1,341,777
Deficit on public utilities operated by State	56,843	75,311	114,900
Capital expenditures	140,597	324,663	729,396

[1] Includes tax on wealth.
[2] Includes pension payment.
[3] Includes public health expenditure.

Public debt.—Per capita debt, December 31, 1947, estimated at 2,034 kroner. Total debt (thousands of kroner), end of 1947, with 1946 data in parentheses; 6,438,100 (6,893,400); internal debt, 429,800 (401,700); external debt, 6,008,300 (6,491,700).

Currency and exchange.—Currency unit, the krone, par $0.2012 United States currency. Principal circulating medium, notes of Bank of Norway. King in Council authorized to alter maximum note circulation in case of emergency or war. Position of Bank of Norway at year end, 1947, with 1946 data in parentheses (million kroner): Notes, 2,088 (1,933); gold reserve, 333 (406); foreign exchange, 375 (641); foreign bonds, 113 (110).

Clearing and payments agreements for facilitating the settlement of international accounts in effect with a number of foreign countries.

Average Exchange Rates of the Norwegian Krone

NOTE.—Rates, 1929-35, noon buying rates for cable transfers, New York on Oslo; 1936-47, buying rates at Oslo exchange.

Year	Rate	Year	Rate	Month	1946	1947	Month	1946	1947
1929	$0.2668	1939	$0.2317	Jan.	$0.2012	$0.2012	July	$0.2012	$0.2012
1930	.2676	1940	.2273	Feb.	.2012	.2012	Aug.	.2012	.2012
1931	.2505	1941	.2273	Mar.	.2012	.2012	Sept.	.2012	.2012
1932	.1800	1942	.2273	April	.2012	.2012	Oct.	.2012	.2012
1933	.2143	1943	.2273	May	.2012	.2012	Nov.	.2012	.2012
1934	.2532	1944	.2273	June	.2012	.2012	Dec.	.2012	.2012
1935	.2463	1945	.2099						
1936	.2484	1946	.2012						
1937	.2473	1947	.2012						
1938	.2445								

PRINCIPAL SOURCES

Statistisk Arbok 1946–48, published by Statistisk Sentralbyra, Oslo.

Norges Bergverksdrift, 1946, published by Statistick Sentralbyra, Oslo.

Norges Industri, 1945, published by Statistisk Sentralbyra, Oslo.

Statistisk—Okonomisk Oversikt over Året, 1947. Published monthly by the Statistisk Sentralbyra, Oslo.

Statistiske Meddelelser. Published monthly by the Statistisk Sentralbyra.

POLAND

(See general explanatory note, p. vi)

NOTE ON TERRITORIAL CHANGES

Prior to September 1938, the area of Poland was 149,957 square miles. In September and October 1938, Poland acquired 418 square miles of Czech territory. Following the conquest of Poland by Germany and the U. S. S. R. in September 1939, the western and southern regions of Poland were incorporated into the German Reich and the eastern region was acquired by the U. S. S. R. The remainder of Polish territory was placed under German Military Government. Subsequent to June 22, 1941, when Germany attacked the U. S. S. R., all of Poland was overrun by the Germans. The Soviet Army advanced through Poland in 1944, and by March 1945 succeeded in liberating all of Poland.

Pursuant to an agreement between Poland and the U. S. S. R. of August 16, 1945, about 69,400 square miles of territory east of the "Curzon Line," which had formed part of Polish territory before 1939, was ceded to the U. S. S. R. In accordance with the Potsdam Agreement of August 2, 1945, the former Free City of Danzig and 38,600 square miles of former German territory, comprising the southern part of East Prussia and the area east of the Oder and Neisse Rivers, were placed under Polish administration. The final delimitation of Poland's western border has been left for determination at the peace settlement with Germany.

Territorial Application of Statistics.—Unless otherwise indicated, postwar data apply to the combined territory of Poland proper and areas under Polish administration, and prewar data to the whole of prewar Poland.

AREA AND POPULATION

Area, Poland proper, 80,654 square miles; under Polish Administration, 39,705 square miles; combined total, 120,359 square miles. (Prewar area, 149,957 square miles.)

Population, February 14, 1946: Poland proper, 18,603,300; under Polish administration, 5,022,200; location undetermined, 304,300; total, 23,929,800. 1947 estimate, 24,200,000. Prewar Poland (estimated as of January 1, 1938): 34,500,000. Urban population 1946, 31.4 percent. Cities, 100,000 or over, May 1948 (January 1, 1939, data in parentheses): Lodz, 590,000 (672,200); Warszawa (Warsaw), 576,000 (1,289,500); Poznan (Posen), 305,000 (272,300); Krakow, 303,000 (259,300); Katowice, 165,000 (134,300); Bydgoszcz (Bromberg), 150,700 (141,300); Chorzow, 135,300 (109,500); Czestochowa, 116,000 (137,600). Under Polish administration (January 1, 1938, estimates in parentheses): Breslau (Wroclaw), 270,000 (623,000); Danzig (Gdansk), 169,000 (250,000); Stettin (Szczecin), 158,000 (274,000); Hindenburg (Zabrze), 123,000 (128,000); Gleiwitz (Gliwice), 121,600 (115,000); Beuthen (Bytom), 111,300 (99,352).

Education.—School enrollment, 1947–48, with 1946–47 data in parentheses (in thousands): Nursery schools, 224 (203); primary, 3,389 (3,283); secondary, 200 (225); vocational schools, 147 (101); universities and higher schools, 93 (85).

AGRICULTURE, FISHING AND FORESTRY

Land distribution, 1946 (thousand acres) total: Arable, 40,571; meadows and pastures, 9,951; forests, 16,803; orchards and gardens, 791; waste and barren, 8,363. Total utilized for agriculture, 51,313.

Livestock, 1948, in thousands: Horses 2,307; cattle, 5,748; sheep and rams, 1,410; pigs, 4,626; goats, 735.

Principal Crops: Area and Production [1]
[Yearly averages and years]

Crop	Area (thousands of acres)				Production (thousands of bushels, except as indicated)			
	1934-38	1945[2]	1946[2]	1947[2]	1934-38	1945[2]	1946[2]	1947[2]
Wheat	3,319	1,164	1,730	1,910	45,268	19,290	22,744	20,172
Rye	13,225	7,161	7,618	8,644	183,100	112,710	108,773	99,719
Barley	2,570	1,275	1,848	2,036	40,739	27,787	30,956	33,758
Oats	4,823	2,231	2,718	3,086	113,537	71,650	70,065	73,579
Potatoes	6,810	3,484	4,114	4,680	894,112	550,415	687,468	745,559
Sugar beets	556	297	420	519	[3] 2,527	[3] 1,781	[3] 2,983	[3] 3,500
Beet sugar, refined					----------	----------	[4, 5] 381	[5, 6] 844
Linseed } Flax	151	----------	54	77	1,024	----------	354	472
Flax					[6] 31	----------	[6] 11	[6] 15
Hemp:								
Seed } Fiber	27	----------	7	15	200	----------	50	100
Fiber					[7] 6,614	----------	[7] 2,205	[7] 2,205
Rape and agrimony	119	----------	57	91	[3] 35	----------	[3] 13	[3] 22

[1] All data refer to present area of Poland proper plus area under Polish Administration.
[2] Based on census returns of rural borough authorities, which in 1946 failed to cover 17% and in 1947, 13%, of total arable land. A special survey made for 1947 and carried on in 400 communities indicated acreages and production of most major crops were 20 percent to 30 percent higher than those shown in census returns.
[3] Thousand metric tons.
[4] 1945-46 season.
[5] Million pounds.
[6] 1946-47 season.
[7] Thousand pounds.

Fishing.—1947 data with 1946 data in parentheses (in metric tons). Total catch of coastal fisheries, 33,454 (22,213), of which salmon, 475 (277); eels, 444 (254); herring, 516 (625); cod, 29,338 (19,196); flounder, 757 (731); abramis vimbae and roach, 712 (397); bream, 366 (143); other, 846 (589). Total catch of deep-sea fisheries, 5,754 (1,135), of which herring, 3,787 (884).

Forestry.—Timber output of state forests, October 1, 1946, through September 30, 1947, with 1945–46 data in parentheses (thousand cubic feet): Construction timber, 277,780 (400,284); sawmill products, 113,251 (130,697); veneer logs, 1,978 (1,059); match splints 1,201 (1,165); telephone poles, 1,624 (1,836); pitprops, 41,494 (51,912); wood for paper production, 16,598 (32,701); railway sleepers, 2,507 (848); logs and round timber, 2,013; firewood and pulpwood, 65,048 (119,149).

MINING AND MANUFACTURING

Resources.—The area ceded to the U. S. S. R. contained all the potash mines of prewar Poland, as well as oil wells which accounted for about three-fourths of Poland's prewar output of petroleum. The former German areas now under Polish Administration contain large deposits of coal, lead, and zinc ore as well as important industrial installations. Territorial changes since the end of hostilities have substantially altered Poland's resources and economic structure. Output of coal and industrial products has increased while production of potash, petroleum, and salt has decreased.

Mining and Metallurgical Production

Product	1937	1938	1946	1947
Coal .... 1,000 metric tons	36,218	38,104	47,288	59,130
Petroleum .... 1,000 bbl	3,604	3,647	860	922
Natural gas .... 1,000,000 cu. meters	531	584	149	148
Iron ore .... 1,000 metric tons	678	872	424	544
Salt .... do	590	642	274	339
Potash, crude .... do	521	567	----------	----------
Petroleum products .... do	456	481	116	158
Ozokerite, pure .... metric tons	488	453	----------	----------
Pig iron .... 1,000 metric tons	724	880	726	867
Steel .... do	1,451	1,441	1,219	1,579
Rolled iron and steel .... do	1,043	1,075	879	1,154
Lead .... do	18	20	11	13
Zinc .... do	107	108	57	73

Industrial production.—Production index (nationalized and government-controlled industry), yearly averages, based on 1938 as 100: 1946, 79.0; 1947, 104.0; January 1948, 125.1.

Electric power.—Output, in millions of kilowatt-hours: 1947, 6,613; 1946, 5,709; 1938, 3,977; 1937, 3,628.

TRANSPORTATION AND COMMUNICATION

Railways.—As of December 31, 1946: Length of lines of Polish State Railways, 15,257 miles, of which 13,128 miles (12,789 miles standard gage and 339 miles wide gage) in operation. Narrow-gage steam railway lines, 2,675 miles of which 2,038 miles in operation. Electric suburban railway, tramway and trolley lines, 438 miles. Total length of line, 18,370 miles.

Statistics of Railways

Item	1933	1934	1935	1936	1937	1946	1947
Length of line....miles..	12,680	11,082	13,341	13,412	13,440	18,370	18,370
Locomotives....number..	5,440	5,374	5,828	5,819	5,718	----------	[1] 6,124
Passenger cars....do....	12,294	12,164	12,928	12,884	11,351	----------	[1] 9,321
Freight cars....do....	154,515	159,991	164,718	163,322	163,942	----------	[1] 156,217
Train-miles....thousands..	62,489	102,320	66,859	68,289	75,248	----------	72,905
Passengers carried[2]....do....	138,171	145,880	194,500	225,100	266,300	264,042	331,000
Passenger-miles[2]....millions..	2,954	3,277	3,448	3,706	4,333	9,310	----------
Freight carried...1,000 metric tons..	48,825	54,898	59,830	61,990	77,870	52,323	89,028
Ton-miles[2]....millions..	9,660	10,783	10,902	11,177	13,760	10,793	----------
Gross receipts....1,000 zlotys..	878,624	886,626	892,192	833,038	963,838	----------	[3] 46,589,000

[1] 1948.
[2] Polish State Railways only.
[3] Provisional.

Statistics of Posts, Telegraphs, and Telephones

Item	1934	1935	1936	1937	1946	1947
Postal services:						
Number of offices....	4,171	4,253	4,658	4,915	3,799	4,199
Pieces of mail (including periodicals)....thousand..	896,000	921,000	1,073,000	1,169,000	590,000	884,675
Gross receipts....1,000 zlotys..	97,146	[1] 103,437	[1] 108,778	[1] 124,024	----------	----------
Telegraphs:						
Length of wire....miles..	44,640	48,743	47,091	56,234	11,300	14,345
Messages sent....thousands..	[2] 3,100	[2] 3,700	[2] 3,600	[2] 3,300	5,870	7,265
Gross receipts....1,000 zlotys..	6,788	[1] 6,445	[1] 7,146	[1] 6,590	----------	----------
Telephones:						
Length of wire....miles..	583,848	858,200	907,900	977,000	1,000,000	1,660,741
Number of instruments....	207,000	230,000	245,000	272,000	169,800	187,497
Gross receipts....1,000 zlotys..	43,126	[1] 45,308	[1] 51,654	[1] 54,961	----------	7,256,502

[1] Fiscal years ending March 31 of the following year; actual receipts for 1935-36 and 1936-37, and budget estimates for 1937-38.
[2] Excluding service telegrams.

Ships and shipping.—Vessels of 100 gross registered tons or over, January 1, 1947, with January 1, 1939, data in parentheses: Number of vessels, 32 (71); capacity in thousands of gross registered tons, 97 (102). Vessels entering ports of Gdynia, Danzig (Gdansk) and Stettin (Szczecin) during 1946, with data for last half 1945 and year 1937 in parentheses: 4,709 (887 and 11,701) vessels, with capacity of 4,960,000 (746,000 and 9,664,000) net registered tons.

FOREIGN TRADE

Per capita trade.—1946: Imports, $5.85; exports, $5.55.

Basis of trade statistics.—Data for 1945 and 1946 are on the basis of materials supplied by the Ministry of Navigation and Foreign Trade. In addition to ordinary commercial transactions, they cover trade under state commercial agreements; in the statement of principal commodities they also include UNRRA imports. The value of the trade in dollars has been calculated by the Polish authorities according to prices agreed upon as the basis of settlement between Poland and foreign countries. Countries specified in the country trade table for the period of 1936–38 represent countries of origin and destination of goods; for 1945 and 1946, countries of purchase and sale of goods.

Value of Imports and Exports

Year	Thousands of zlotys		Thousands of United States dollars	
	Imports	Exports	Imports	Exports
1934	798, 760	975, 342	150, 566	183, 832
1935	860, 645	925, 040	162, 490	174, 648
1936	1, 003, 445	1, 026, 246	189, 350	193, 653
1937	1, 254, 298	1, 195, 488	237, 313	226, 186
1938	1, 299, 764	1, 184, 712	245, 135	223, 437
1945	--------	--------	34, 007	37, 760
1946	--------	--------	139, 628	132, 834

Trade with Principal Countries

Country	Imports					Exports				
	Value (thousands of dollars)		Percent			Value (thousands of dollars)		Percent		
	1945	1946	1936-38	1945	1946	1945	1946	1936-38	1945	1946
Total	**34, 007**	**139, 628**	**100.00**	**100.00**	**100.00**	**37, 760**	**132, 834**	**100.00**	**100.00**	**100.00**
United States	--------	1, 565	12.0	--------	1.1	--------	403	6.8	--------	0.3
United Kingdom	--------	859	12.3	--------	.6	--------	2, 399	19.3	--------	1.8
Austria	--------	449	[1] 4.3	--------	.3	--------	1, 188	[1] 5.2	--------	.9
Belgium	--------	147	4.3	--------	.1	--------	27	6.2	--------	.0
Czechoslovakia	--------	2, 293	3.4	--------	1.6	--------	4, 083	4.2	--------	3.1
Denmark	891	3, 441	1.0	2.6	2.5	114	7, 416	1.7	.3	5.6
France	--------	--------	3.7	--------	--------	--------	6, 267	4.0	--------	4.7
Netherlands	--------	144	3.7	--------	.1	--------	71	4.7	--------	.1
Yugoslavia	--------	1, 217	.7	--------	.9	56	1, 253	.6	.2	.9
Germany	--------	7, 358	[2] 19.2	--------	5.3	--------	7, 699	[2] 19.5	--------	5.8
Norway	222	924	1.5	.7	.7	56	2, 982	1.9	.2	2.2
Rumania	--------	540	.7	--------	.4	--------	955	.6	--------	.7
Switzerland	--------	1, 018	1.9	--------	.7	--------	4, 034	1.7	--------	3.0
Sweden	2, 061	20, 275	3.1	6.1	14.5	1, 969	24, 417	6.0	5.2	18.4
Hungary	11	1, 169	.6	.0	.8	197	1, 821	.6	.5	1.4
U.S.S.R.	30, 822	98, 229	1.1	90.6	70.4	35, 293	65, 599	.4	93.4	49.4
Bulgaria	--------	--------	--------	--------	--------	--------	430	.9	--------	.3
Finland	--------	--------	--------	--------	--------	--------	742	1.7	--------	.6
Italy	--------	--------	--------	--------	--------	--------	112	4.2	--------	.1
Palestine	--------	--------	--------	--------	--------	--------	5	.7	--------	.0
Egypt	--------	--------	--------	--------	--------	--------	12	.7	--------	.0
Argentina	--------	--------	--------	--------	--------	--------	224	1.7	--------	.2
Other countries	--------	--------	26.5	--------	--------	--------	--------	5.2	--------	--------
Supply of foreign ships	--------	--------	--------	--------	--------	75	695	1.5	.2	.5

[1] Average for 1936 and 1937.
[2] Data for 1938 includes Austria.

Imports of Principal Commodities

Commodity	Quantity[1]				
	1936-38, yearly average	1945		1946	
		Commercial	UNRRA	Commercial	UNRRA
Total ... metric tons	**3,353,793**	----	**296,377**	----	**1,463,879**
Animals, live ... number	3,381	170	3,917	10,226	339,856
Corn and leguminous plants ... metric tons	11,058	----	14,912	489,490	325,423
Seeds, copra ... do	48,930	16,119	2,646	175	8,338
Flour ... do	122	28,826	15,922	----	89,074
Rice ... do	50,242	----	----	----	743
Coffee, tea, cocoa ... do	15,266	----	6,362	19	11,487
Tobacco ... do	8,396	1,272	----	2,122	----
Butter ... do	----	721	208	1,513	1,422
Cheese ... do	117	----	1,014	----	8,200
Grease and lard ... do	----	----	12,145	51	16,317
Milk, powdered ... do	1	----	7,315	----	56,668
Milk, condensed ... do	19	----	3,156	----	26,779
Fish, canned, herrings ... do	61,253	3,389	21,078	23,436	45,102
Meat and canned meat ... do	44	246	8,454	1,271	82,678
Fats and oils of animal origin, n. e. s. ... metric tons	27,806	----	3,061	100	20,347
Horses, cattle ... number	69	170	3,917	10,226	135,387
Iron ore ... metric tons	576,472	232,644	----	979,906	----
Manganese ores and chrome ore ... metric tons	73,590	35,732	----	51,301	----
Petroleum products ... do	1,227	36,110	7,707	189,735	250,611
Chemical and pharmaceutical products, paints ... metric tons	252,462	16,227	51,647	191,088	[2] 177,521
Fertilizers, artificial ... do	209,235	14,642	36,832	187,977	165,762
Hides, raw ... do	25,789	[3] 104,500	900	90	1,391
Furs, raw ... do	3,085	----	----	----	----
Leather ... do	550	----	----	----	513
Textile raw materials ... do	118,090	19,256	30,562	37,983	27,754
Cotton and waste ... do	76,796		23,999		6,667
Wool and waste ... do	25,600	19,256	6,061	37,983	17,339
Flax and waste ... do	64		----		0
Jute ... do	14,401	----	462	----	3,567
Hemp ... do	28	----	40	----	153
Silk and rayon ... do	598	----	----	----	----
Other ... do	603	----	----	----	28
Yarn and roving ... do	3,186	----	210	----	175
Rubber ... do	6,612	294	613	2,547	1,983
Cellulose ... do	15,774	19,710	----	16,209	----
Iron alloys ... do	3,452	95	21	301	86
Metals, nonferrous ... do	24,399	486	4,058	2,300	5,415
Aluminum ... do	1,595		----		2,266
Tin ... do	1,501		386		392
Zinc ... do	70		25		----
Copper ... do	19,777	486	3,550	2,300	2,712
Copper alloys ... do	387		49		18
Nickel ... do	646		5		----
Lead ... do	423		43		27
Machines and apparatus, electrotechnical implements, balances, tools, precision, scientific and optical instruments, typewriters, clocks, musical instruments ... metric tons	2,774	----	5,015	----	[4] 20,670
Machines and apparatus, electrotechnical equipment ... metric tons	26,968	----	4,975	----	[4] 20,183
Locomotives, all kinds ... do	87	----	----	----	7,622
Railway carriages ... do	6	----	3,081	[3] 200	23,699
Automobiles, motorcycles, tractors and parts ... metric tons	7,848	[3] 1,685	33,672	[3] 372	54,525

[1] Value data not available.
[2] In addition to 10 cases of penicillin.
[3] Number.
[4] In addition, 14 motor plows.

Exports of Principal Commodities

Commodity	Quantity[1]		
	1936-38, yearly average	1945	1946
Total, metric tons	**14,519,163**	----------	----------
Livestock, number	1,657,059	----------	----------
Barley, metric tons	269,216	----------	----------
Seeds, do	20,534	----------	5
Meat, fresh, frozen, and salted, do	16,311	----------	----------
Bacon, do	20,639	----------	----------
Eggs, do	26,529	----------	----------
Butter, do	10,736	----------	----------
Ham, canned and joint of pork, do	15,886	----------	----------
Sugar, do	66,202	----------	9,150
Pigs and hogs, number	230,680	----------	----------
Cement, metric tons	29,245	55,463	378,738
Coal and coke, do	10,678,876	3,638,162	14,398,397
Benzole, do	16,245	----------	10,838
Zinc and lead white, minium, litharge, lithopon, do	8,088	683	7,134
Soda, do	9,856	6,490	26,076
Hides, raw, do	4,423	----------	----------
Furs, raw, do	770	----------	13
Footwear, do	10	----------	[2] 130
Flax and waste, do	16,999	----------	----------
Fabrics, cotton, do	1,004	[3] 16,865	----------
Fabrics, woolen, do	1,959	[3] 534	[3] 916
Knitted wear, do	86	[4] 478	[4] 1,922
Wearing apparel, cotton, do	877	[4] 1,462	[4] 1,925
Thread, do	8	[5] 1,300	[5, 6] 4,700
Timber and products, do	1,685,807	----------	----------
Iron, steel and manufactures, do	276,881	29,802	79,805
Zinc and zinc in sheets, do	69,681	7,027	26,484

[1] Value data not available.
[2] Thousands of pairs.
[3] Thousands of meters.
[4] Thousands of pieces.
[5] Thousands of bobbins.
[6] In addition, 100 metric tons.

FINANCE

Government receipts and expenditures, calendar year 1947 (millions of zlotys): Budgeted receipts, 191,838; budgeted expenditures, 196,022; actual receipts, 223,872; actual expenditures, 186,509.

Postwar national debt as of October 1, 1947 (millions of zlotys): Total, 29,380, of which 16,491 external and 12,889 internal.

Currency and exchange.—Currency unit, the zloty, parity established April 1946 at 100 to the U. S. dollar and 403 to the pound sterling. A so-called bonus of 300 zlotys was established December 1, 1947, bringing the commercial rate to 400 zlotys to the U. S. dollar. The commercial rate is modified by a system of surcharges on imports and premiums on exports. The rates vary according to the particular commodity involved in the transaction. Since January 1, 1948, the foreign trade rate of 400 zlotys to the dollar has been used in compiling foreign trade statistics by the Polish Government.

Sole legal tender since February 28, 1945, notes of the National Bank of Poland. National Bank established by decree of January 15, 1945, which does not specify minimum reserves of gold and foreign exchange against notes and demand liabilities. National bank position as of December 31, 1947, in million zlotys (December 31, 1946 data in parentheses): Gold and foreign exchange, 7,737 (1,575); loans and discounts, 144,825 (55,283); notes in circulation, 91,483 (60,066); demand liabilities, 46,054 (23,564). Central bank position as of December 31, 1937, in million zlotys: Gold and foreign exchange, 471; loans and discounts, 685; notes in circulation, 1,059; demand liabilities, 360.

Prices.—Index of retail prices of goods and services purchased by a wage-earner's family in Warsaw (exclusive of rationed goods), based on 1938 monthly average as 100: Monthly average 1946, 9500; monthly average 1947, 12500; May 1948, 13200. Index of free market retail prices in Warsaw, based on April 1945 as 100: Monthly average 1946, 99.4; monthly average 1947, 144.2; May 1948, 149.2.

PRINCIPAL SOURCES

Central Statistical Office of the Republic of Poland, Warsaw:
- Statistical Year Book of Poland, 1947.
- Statistical News (bimonthly publication).

PORTUGAL

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 35,582 square miles (continental, 34,386; Azores and Madeira, 1,196). Population, December 31, 1946, estimate, 8,300,000; 1940 census, 7,722,152; 1930 census, 6,825,883. Cities, 1940 census: Lisbon, 709,179 (1947 estimate, 800,000); Oporto, 262,309; Setúbal, 46,448; Funchal (Madeira), 38,876; Coimbra, 28,955; Braga, 29,362; Evora, 27,038; Ponta Delgada (Azores), 20,538.

Distribution by occupations of persons having an economic activity (includes both continental Portugal and Azores and Madeira), 1940 census: Agriculture, 1,419,134; textile industries, 143,201; food industries, 63,348; wood, 58,889; metalworking, 57,051; hides and leather, 55,982; public works and construction, 127,053; commerce and insurance, 181,152; public service, 65,184; fishing, 36,869.

Education.—School attendance, 1944–45, primary, 590,727; secondary, 42,351; technical, industrial, and commercial, 44,661; university, 10,787. Persons 10 years and over unable to read or write, 1940 census: 2,948,157 or about 50.3 percent of the total in this age group.

AGRICULTURE AND FORESTRY

Land distribution (1,000 acres), 1939 estimate: Agriculture, 8,352; forests, 6,096; meadows, 3,667; not cultivated but cultivable, 2,943; waste land, 850.

Livestock, 1940 latest census (1934 in parentheses), in thousands: Cattle, 831 (777); swine, 1,176 (1,138); goats, 1,196 (1,256); horses, 80 (86); mules, 121 (119); asses, 239 (268); sheep, 3,889 (3,223); chickens, 5,274 (5,715); ducks, 129 (107); turkeys, 130 (127); pigeons, 626 (814); rabbits, 1,031 (991). Slaughterings, 1946, in thousands: Cattle, 92; calves, 66; sheep and goats, 1,067; swine, 214.

Principal Crops: Area and Production

[Yearly averages and years]

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1931-35[1]	1938	1943	1945	1946[2]	1931-35	1938	1943	1945	1946[2]
Wheat	1,408	1,134	1,349	1,528	1,504	17,360	15,802	10,849	11,561	14,514
Rye	379	331	418	567	575	4,925	3,997	3,897	4,805	5,512
Barley	166	186	267	305	305	1,871	1,908	1,343	2,362	5,153
Oats	438	618	679	667	627	6,222	5,819	4,194	4,292	11,333
Corn	-------	971	1,154	1,089	1,306	----------	12,019	13,719	10,111	15,863
Potatoes	79	77	156	167	165	----------	21,779	32,752	27,280	29,820
Grapevines	-------	-------	-------	-------	865	[3] 202,406	[3] 289,401	[3] 370,012	[3] 276,850	[3] 167,748
Olive oil	-------	-------	-------	-------	988	[4] 14,067	[4] 9,805	[4] 25,360	[4] 11,751	[4] 13,209
Rice	-------	47	64	55	69	----------	150,821	153,220	98,069	141,094

[1] Four-year average, figures for 1932 acreage not available.
[2] Estimated.
[3] Unit, gallon of wine.
[4] Unit, gallon of oil.

Forestry.—Resin crude, metric tons: 1946, 53,507; 1945, 34,324.

Cork production, metric tons: 1946 estimate, 110,000; 1945, 100,451; 1943, 69,176; 1939, 114,972; 1938, 118,968.

MINING AND MANUFACTURING

Mineral Production (Metric Tons)

Mineral	1938	1939	1943	1945	1946	1947[1]
Coal	326,021	334,536	498,808	504,791	504,791	478,958
Pyrites	718,111	672,449	109,994	171,318	314,976	388,377
Wolframite	2,668	2,979	5,671		243	2,451
Tin ore	1,569	1,535	2,277	1,169	1,121	585
Titanium ore	752	502	1,193	582	633	181
Cement	268,135	296,664	246,799	262,980	326,747	427,734
Sulfur	11,538	11,287	11,060	12,961	12,602	7,643

[1] Preliminary.

Industrial Production (Metric Tons)

Product	1938	1939	1943	1945	1946	1947[1]
Paper	15,561	20,234	26,051	27,710	----------	13,749
Paper pulp	5,427	5,823	6,612	6,505	6,631	6,771
Shoes, leather	[2] 374	[2] 633	[2] 648	[2] 854	----------	----------
Enameled ware	1,984	1,701	688	646	1,179	----------
Alimentary paste	20,024	20,676	27,599	27,684	29,639	30,796
Naval stores	68,808	35,189	43,346	26,726	40,118	67,273
Superphosphates	196,719	214,944	210,707	294,137	----------	328,010
Canned sardines	31,305	35,460	31,909	25,032	34,720	26,891
Wool	4,298	4,930	6,248	5,159	[3] 6,600	----------

[1] Preliminary. [2] Thousand pairs. [3] Estimate.

Electric power.—1946 statistics (1945 in parentheses): Number of electric centrals 639 (649); installed power, kilowatts, 315,484 (297,064). Electric energy consumption, in thousand kilowatt-hours: Public lighting, 16,370 (14,401); private lighting, 87,082 (71,201); traction, 63,230 (59,197); motors, 276,471 (234,775); electrochemical industries, 18,956 (15,067); private service, 66,355 (57,695); total, 528,464 (452,336). Electric energy production, thousands of kilowatt-hours: 1946, 635,866; 1945, 542,756; 1942, 465,172; 1939, 447,972; 1938, 425,710.

TRANSPORTATION AND COMMUNICATION

Highways.—Data for 1946, with 1945 data in parentheses (number of miles): Total, 10,067 (9,382); main (first-class) highways, 3,461 (3,344); secondary (second- and third-class) roads, 6,606 (6,038). Motor vehicles registered on December 31, 1946 (December 31, 1945, in parentheses): Passenger cars and trucks, 56,214 (47,026); motorcycles, 5,253 (4,625).

Railway Statistics

Item	1938	1939	1943	1944	1945	1946
Length of track (miles)	2,225	2,226	2,228	2,228	2,227	2,227
Locomotives	517	517	494	488	510	510
Rail-motor cars	24	20	24	25	24	24
Passenger cars	1,268	1,266	1,182	1,188	1,189	1,188
Freight cars	10,711	9,728	10,304	10,620	10,701	10,825

Traffic at Airports (Continental Portugal)

Item	Unit	1943	1944	1945	1946
Aircraft entered	number	1,604	1,607	1,462	5,053
Passengers	do.	5,392	5,730	9,938	36,325
Cargo	1,000 lb.	782	954	463	333
Mail	do.	520	339	110	185
Aircraft departed	number	1,553	1,601	1,467	4,970
Passengers	do.	7,812	6,682	8,175	39,478
Cargo	1,000 lb.	216	287	128	202
Mail	do.	466	420	120	162

Merchant Marine

Item	1938	1939	1941	1943
Number of vessels	254	210	213	260
Capacity, total ... gross tons	261, 142	206, 943	234, 728	231, 968
Steam or motor ... do	249, 776	200, 444	227, 728	224, 177
Sailing ... do	11, 366	6, 499	7, 121	7, 791

Postal, Telegraph, and Telephone Statistics

Item	1938	1939	1942	1944	1945
Number of offices	568	536	654	666	681
Mail handled ... 1,000 pieces	211, 678	------	167, 802	------	187, 437
Telegraph wire ... miles	13, 299	11, 629	9, 896	10, 577	12, 665
Messages sent ... thousands	2, 444	2, 491	3, 242	4, 251	4, 778
Telephone wire ... miles	104, 452	114, 466	128, 312	14, , 963	143, 752
Instruments ... number	69, 256	72, 196	86, 512	92, 617	96, 278

FOREIGN TRADE

Per capita trade.—1947: Imports, $45.75; exports, $20.85.

Basis of trade statistics.—The trade area covered by the statistics includes Madeira and the Azores as well as continental Portugal. Imports are for consumption and for processing. Exports are domestic and nationalized goods, i.e., including foreign goods transformed for exportation, but excluding reexports, that is, goods which are temporarily imported but not further worked. Import values are c. i. f., and export values are f. o. b., frontier. Since 1937 imports are charged to the country of origin, that is, the country where the goods are produced, extracted, or processed. Exports are charged to the country of final destination.

Foreign trade values have been converted from escudos to United States dollars at the following rates: 1934, $0.0469; 1935, $0.044575; 1936, $0.045130; 1937, $0.044792; 1938, $0.044267; 1939, $0.040375; 1940, $0.0371; 1941, $0.0400; 1942, $0.0399; 1943, $0.0399; 1944, $0.0399; 1945, $0.04016; 1946, $0.0405; 1947, $0.0402.

Value of Imports and Exports

Year	Thousands of escudos		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	1, 966, 243	909, 462	90, 624	41, 917
1935	2, 294, 950	923, 724	102, 297	41, 175
1936	1, 994, 285	1, 025, 770	90, 002	46, 293
1937	2, 352, 879	1, 201, 512	105, 390	53, 818
1938	2, 300, 358	1, 139, 275	101, 830	50, 432
1939	2, 081, 527	1, 339, 287	84, 042	54, 074
1940	2, 582, 707	1, 637, 913	95, 818	60, 767
1941	2, 468, 646	2, 973, 496	98, 746	118, 940
1942	2, 479, 633	3, 939, 384	98, 937	157, 181
1943	3, 341, 383	4, 034, 902	133, 321	160, 993
1944	3, 920, 301	3, 166, 319	156, 420	126, 336
1945	4, 055, 983	3, 237, 481	162, 888	130, 017
1946	6, 859, 511	4, 586, 543	277, 810	185, 755
1947	9, 462, 219	4, 306, 935	380, 381	173, 139

Trade with Principal Countries (Thousands of Dollars)

Country	Imports				Exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**105, 390**	**101, 830**	**277, 810**	**380, 381**	**53, 818**	**50, 432**	**185, 755**	**173, 139**
United States	11, 105	11, 787	69, 437	120, 308	4, 203	2, 682	27, 738	19, 905
Canada	327	217	5, 822	5, 125	339	315	1, 943	1, 636
Curacao	(1)	2, 346	11, 255	9, 419	(1)	20	67	87
Argentina	229	1, 415	7, 920	17, 156	502	360	1, 748	2, 379
Brazil	3, 096	2, 090	3, 183	13, 477	2, 276	2, 848	13, 958	11, 160
Belgium-Luxembourg	9, 343	6, 878	10, 524	22, 682	2, 524	2, 413	16, 236	17, 018
Denmark	499	557	2, 595	3, 979	861	749	959	1, 944
France	4, 939	6, 232	8, 220	15, 733	5, 511	4, 167	6, 616	4, 150
Germany	15, 849	17, 109	1, 377	2, 036	5, 875	6, 610	133	503
Italy	1, 818	1, 953	908	4, 833	2, 019	2, 912	1, 171	1, 768
Netherlands	3, 154	2, 721	3, 087	6, 287	833	1, 024	4, 268	6, 552
Norway	2, 927	3, 825	5, 732	10, 185	797	611	1, 472	2, 622
Spain	1, 116	519	7, 390	5, 651	2, 551	2, 432	3, 358	3, 048
Sweden	1, 431	1, 684	12, 660	12, 309	768	842	5, 449	4, 516
Switzerland	1, 699	1, 980	14, 130	15, 371	194	490	8, 328	2, 817
United Kingdom	19, 116	17, 376	38, 180	45, 111	11, 545	10, 451	26, 678	25, 511
India	2, 721	1, 205	2, 106	2, 781	140	113	777	816
Australia	459	1, 861	2, 227	5, 217	259	339	599	718
Angola	5, 403	5, 046	18, 598	12, 395	2, 879	2, 715	17, 267	19, 752
Cape Verde	116	132	439	315	224	246	1, 015	676
Mozambique	4, 174	3, 404	18, 183	11, 474	3, 123	2, 517	17, 310	18, 509
Portuguese Guinea	1, 384	1, 236	3, 995	4, 713	341	243	2, 831	4, 030
Sao Tome and Principe	609	508	647	859	210	216	964	1, 390
Union of South Africa	474	1, 156	5, 868	3, 758	202	255	2, 965	2, 097
Other countries	13, 402	8, 593	23, 327	29, 207	5, 642	4, 862	21, 905	19, 535
Ship stores, and undistributed	16	9	108	155	1, 048	785	1, 158	1, 236
Percent of total:								
United States	10. 5	11. 6	25. 0	31. 6	7. 8	5. 3	14. 9	11. 5
Belgium-Luxembourg	8. 9	6. 8	3 8	6. 0	4. 7	4. 8	8. 7	9. 8
France	4. 7	6. 1	3. 0	4. 1	10. 2	8. 3	3. 6	2. 4
Germany	15. 0	16. 8	. 5	. 5	10. 9	13. 1	. 1	. 3
United Kingdom	18. 1	17. 1	13. 7	11. 9	21. 5	20. 7	14. 4	14. 7
Angola	5. 1	5. 0	6. 7	3. 3	5. 3	5. 4	9. 3	11. 4
Mozambique	4 0	3. 3	6. 5	3. 0	5. 8	5. 0	9 3	10. 7

[1] Not shown separately.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption, total[1]					**105, 390**	**101, 830**	**277, 810**	**380, 381**
Beef, frozen ......1,000 lb	75	79	1, 927	20, 935	6	6	510	5, 594
Cod, dried ......do	77, 040	83, 310	37, 364	60, 891	4, 285	4, 663	6, 797	11, 769
Butter, natural ......do	26	9	725	3, 997	6	1	466	2, 892
Hides and skins ......do	7, 630	8, 937	6, 206	13, 836	1, 262	1, 412	1, 681	4, 839
Leather ......do	212	254	492	3, 505	542	547	945	2, 805
Corn ......1,000 bu	1, 156	2, 387	5, 170	5, 040	649	1, 624	7, 391	8, 740
Rice ......1,000 lb	8, 254	6, 933	7, 709	23, 076	176	135	407	2, 356
Wheat ......1,000 bu	84	4, 186	5, 734	6, 144	105	5, 030	15, 810	20, 019
Wheat flour ......1,000 bbl	24	22	241	406	138	91	2, 489	6, 338
Fodders and feeds ......long tons	43, 008	32, 498	15, 922	13, 848	631	470	1, 001	1, 194
Beans ......1,000 bu	19	23	427	413	14	16	1, 592	1, 457
Potatoes ......do	486	304	1, 795	2, 938	425	255	2, 997	3, 902
Olive oil ......1,000 gal	261	17	291	16	287	13	1, 790	52
Coffee ......1,000 lb	12, 427	14, 601	11, 698	16, 768	978	825	1, 163	1, 988
Sugar ......do	152, 181	154, 679	168, 244	223, 057	3, 686	3, 585	5, 024	12, 360
Rubber, crude; rubber waste ......do	1, 766	1, 914	6, 235	5, 459	257	219	1, 481	1, 253
Tires and inner tubes ......do	2, 474	2, 498	5, 915	4, 277	765	764	5, 004	2, 950
Rubber manufactures, other ......do	602	622	1, 583	1, 325	230	222	1, 070	1, 024
Oilseeds ......do	177, 437	134, 256	144, 148	136, 174	4, 481	2, 808	5, 209	5, 447
Vegetable oils ......do	11, 338	12, 518	12, 643	11, 052	411	399	999	1, 967
Tobacco, leaf ......do	6, 036	6, 206	9, 762	10, 062	920	1, 074	3, 958	4, 004
Cotton, raw ......do	66, 605	62, 533	87, 104	57, 051	8, 674	6, 171	17, 369	12, 079
Cotton fabrics ......do	1, 243	952	496	688	1, 032	893	1, 147	1, 994
Jute, raw ......do	10, 501	6, 451	13, 437	10, 079	446	257	1, 060	1, 600
Sisal and other agave fibers ......do	3, 541	4, 729	7, 136	5, 000	181	164	1, 455	739

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption—Continued								
Sacks and bags.............1,000 lb..	8,351	7,463	9,923	7,533	368	320	1,722	1,380
Yarns of flax, hemp, etc.........do.....	3,873	3,867	946	406	480	449	241	308
Fabrics of flax, hemp, etc........do.....	582	474	412	399	615	462	1,490	1,436
Wool, unmanufactured..........do.....	4,451	5,174	15,957	16,643	1,945	1,681	8,968	11,972
Silk yarn.............................do.....	1,693	1,931	1,523	2,169	919	921	2,772	4,301
Timber and lumber.........long tons..	40,453	33,610	17,379	29,673	994	765	1,222	1,985
Rags, paper stock and fiber.1,000 lb..	33,541	31,980	37,073	29,614	768	880	1,686	2,054
Paper and manufactures:								
Newsprint.........................do.....	21,887	16,614	16,834	23,464	476	426	1,120	1,957
Cigarette paper...............do.....	798	822	948	1,210	332	343	937	1,106
Filter paper.....................do.....	2,231	2,288	3,631	5,648	274	294	616	1,225
Other kinds.......................do.....	3,618	3,338	2,963	4,467	280	269	582	931
Coal and coke...............long tons..	1,326,086	1,130,789	601,340	971,363	8,919	7,680	13,399	20,578
Petroleum and products:								
Crude oils..............1,000 bbl..	----------	----------	738	1,924	----------	----------	5,448	6,613
Gasoline...........................do.....	616	627	521	597	1,944	1,857	4,716	4,051
Kerosene...........................do.....	398	390	356	340	1,010	1,041	1,356	1,354
Gas and fuel oil................do.....	376	416	971	1,240	691	811	3,909	3,975
Lubricating oils................do.....	81	77	89	92	758	730	1,450	1,783
Other....................long tons..	5,962	3,351	2,266	3,897	275	153	250	435
Steel mill products................do.....	182,980	122,892	161,521	181,566	12,472	8,517	20,548	31,285
Tools and implements........1,000 lb..	1,464	1,193	1,376	2,359	463	438	982	1,970
Copper and alloys, crude and semi-manufactured..............1 000 lb..	8,653	7,381	20,428	17,732	1,197	878	3,425	4,462
Copper and alloys, manufactures 1.000 lb..	1,146	1,105	3,375	1,475	492	461	756	1,221
Wire and cable, insulated.......do.....	4,464	4,076	8,783	5,491	606	652	2,125	1,879
Lead, crude...........................do.....	5,119	3,452	6,307	5,384	307	129	894	892
Tin, crude.............................do.....	492	306	2	2	272	130	1	2
Electric generators, motors and trans-formers........................1,000 lb..	1,036	957	1,612	2,707	479	514	1,442	2,770
Radio apparatus....................do.....	739	569	496	959	902	642	1,185	2,637
Switchboard telephone equipment 1,000 lb..	161	31	282	425	310	95	916	1,455
Sewing machines...................do.....	1,019	970	714	1,706	393	386	428	1,032
Machinery and apparatus, industrial long tons..	5,066	5,819	7,353	13,059	2,953	3,538	9,568	17,686
Motor vehicles......................do.....	5,637	4,671	12,147	24,418	3,372	2,871	12,654	27,857
Aircraft and parts..............1,000 lb..	71	317	172	236	253	1,785	608	1,808
Ships..........................long tons..	639	6,041	48,483	17,107	65	979	7,327	4,938
Railway rolling stock...........do.....	2,117	1,878	10,943	3,479	262	281	2,032	1,450
Pharmaceuticals...............1,000 lb..	518	571	622	985	835	852	1,964	2,852
Pigments, paints, and varnishes 1,000 lb..	5,247	4,594	4,442	6,175	1,504	1,319	2,521	3,645
Fertilizers and fertilizer materials:								
Ammonium sulfate.....long tons..	61,851	62,403	7,820	24,319	2,175	2,174	609	1,916
Sodium nitrate...................do.....	5,872	7,640	44,997	22,833	204	268	2,661	1,346
Phosphate rock..................do.....	145,159	124,524	247,516	167,725	746	707	4,607	2,825
Other.................................do.....	20,155	16,996	5,872	11,793	931	690	245	699
Scientific and professional apparatus 1,000 lb..	192	192	287	648	383	440	1,211	2,265
Arms and ammunition...........do.....	2,465	1,874	53	146	2,412	3,278	237	428
Clocks and watches...............do.....	146	104	64	86	390	401	1,982	1,997
Other merchandise................................	----------	----------	----------	----------	19,377	18,679	56,183	72,258
Ships' stores......................................	----------	----------	----------	----------	1,087	1,316	2,813	1,484
Gold and silver, bullion and coin [1]..	----------	----------	----------	----------	565	244	117	685

[1] Gold and silver, bullion and coin excluded from total.

Exports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Domestic exports, total[1]					**53,818**	**50,432**	**185,755**	**173,139**
Fish and fish products:								
Sardines, canned ... 1,000 lb	110,986	89,403	94,026	78,301	9,410	8,305	21,233	16,546
Tuna, canned ... do	4,872	2,890	3,208	1,914	628	347	923	518
Other kinds ... do	3,375	3,880	7,299	7,829	141	162	1,603	1,399
Fish oils ... do	5,236	4,385	14,588	13,091	84	78	1,787	2,422
Fodders and feeds ... long tons	32,181	18,750	9	4,730	427	251	(2)	374
Potatoes ... 1,000 bu	647	387	15	72	471	224	39	186
Olives ... 1,000 lb	3,860	4,160	3,986	1,667	136	140	929	345
Pineapples ... do	7,275	7,571	35	1,321	337	342	7	419
Almonds, shelled ... do	2,978	4,987	7,568	2,765	607	1,083	3,371	1,285
Chestnuts ... do	7,458	5,974	2,350	5,597	121	96	397	933
Olive oil ... 1,000 gal	979	2,695	290	253	1,166	3,247	392	430
Brandy ... do	59	72	1,447	925	27	35	3,311	2,080
Madeira wine ... do	1,122	1,121	818	842	553	552	643	633
Port wine ... do	11,795	10,123	7,505	6,132	8,350	7,075	15,457	12,851
Wines, other ... do	8,182	10,897	26,111	14,721	2,080	2,695	14,127	9,024
Rosin ... 1,000 lb	64,952	77,871	47,359	105,413	1,941	2,232	2,795	8,229
Turpentine ... do	17,721	23,818	21,391	19,912	845	1,100	2,341	2,745
Ergot of rye ... do	309	216	723	379	63	44	628	324
Carob beans ... do	43,850	19,531	7,407	56,180	250	117	424	1,789
Cotton yarn ... do	4,936	5,276	732	646	1,213	1,372	1,002	858
Cotton fabrics ... do	8,265	5,584	12,967	13,788	2,665	1,827	15,833	18,465
Blankets and bed coverings, cotton ... do	49	90	1,647	1,698	13	20	1,186	1,310
Embroideries of cotton and linen ... do	734	573	787	494	1,517	1,321	10,388	5,956
Wool, unmanufactured ... do	2,740	893	88	880	303	102	46	381
Wool fabrics ... do	220	71	183	293	142	56	634	1,080
Blankets and bed coverings, wool ... do	62	93	745	115	21	25	862	116
Timber, pine ... do	3,474	1,113	33,772	35,133	12	6	735	812
Mine props ... do	562	467	99,809	166,308	749	635	699	1,383
Shooks, box and barrel ... long tons	13,857	11,619	50,285	58,220	221	185	3,068	4,549
Barrels, wine ... do	(3)	(3)	11,303	8,676	(3)	(3)	3,758	2,725
Cork, unmanufactured:								
Shavings ... 1,000 lb	151,893	108,050	180,735	177,616	2,332	1,736	7,170	8,146
Sawdust ... do	14,431	11,162	21,166	14,863	342	269	1,569	1,268
Waste ... do	79,346	45,732	33,195	62,364	1,155	735	1,216	2,513
Other kinds ... do	82,564	44,513	79,904	54,244	1,190	581	2,846	2,153
Cork manufactures:								
Sheets ... do	46,905	41,036	48,856	42,397	2,500	2,225	4,950	4,081
Stoppers ... do	13,159	11,151	13,781	13,206	1,701	1,455	6,818	6,239
Compressed cork ... do	6,570	8,075	35,150	24,731	228	276	5,661	4,451
Other manufactures ... do	4,374	4,389	5,498	6,113	479	475	2,713	3,257
Bunker coal ... long tons	122,119	89,103	28,245	18,274	889	646	531	376
Slate ... do	39,435	30,027	8,148	10,498	225	169	185	243
Beverage bottles ... 1,000 lb	(4)	(4)	36,312	22,075	(4)	(4)	2,903	1,980
Iron and steel, crude ... long tons	30,957	20,757	18,633	12,301	402	257	488	633
Tin, crude ... 1,000 lbs	3,535	2,996	1,376	974	714	605	2,066	1,089
Tungsten ore ... do	4,001	5,437	4,420	6,731	581	807	1,637	4,107
Pharmaceuticals ... do	311	256	357	278	111	95	657	804
Other merchandise					6,476	6,427	35,727	31,626
Gold and silver, bullion and coin[1]					166	280	(2)	(2)

[1] Gold and silver, bullion and coin excluded from total.
[2] Less than $500.
[3] Not reported in source.
[4] Not shown separately.

Trade with the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption from the United States, total [1]					**11,105**	**11,787**	**69,437**	**120,308**
Leather...1,000 lb	20	35	35	141	45	79	552	595
Pearl barley...do	(2) (3)	[2] 2	17,992	7,826	(2) (4)	(2) (4)	1,473	690
Malt...1,000 bu			107	34			329	118
Corn...do		281	324	2,274		203	538	4,143
Wheat...do		1,943	4,007	4,898		2,360	10,686	14,943
Wheat flour...1,000 bbl	7	3	219	393	40	16	2,274	6,138
Alimentary pastes...1,000 lb	49	46	43,457	31,607	3	3	4,406	3,560
Potatoes...1,000 bu	(3)		(3)	1,128	(4)		(4)	934
Tires and inner tubes...1,000 lb	542	432	2,895	2,343	170	142	2,145	1,545
Tobacco, leaf...do	4,579	4,802	8,031	8,483	724	872	3,574	3,713
Cotton, raw...do	17,130	19,004			2,474	2,100		
Wood, sawed...long tons	1,621	1,948	2,719	3,440	69	96	328	399
Coal and coke...do	10		389,547	805,769	(4)		8,918	17,018
Petroleum and products:								
Gasoline...1,000 bbl	205	260	4	46	627	786	72	279
Kerosene...do	149	137	91	1	359	380	308	5
Lubricating oils...do	64	57	84	85	583	526	1,358	1,663
Other...long tons	2,003	1,073	1,142	5,625	82	44	115	376
Steel mill products...do	15,414	5.200	64,920	56,614	1,521	450	6,884	11,685
Tools and implements...1,000 lb	110	117	302	895	35	40	256	736
Electric generators, motors and transformers...1,000 lb	82	93	344	699	47	51	271	658
Radio apparatus...do	320	170	163	520	385	206	366	1,453
Tractors and steam engines...long tons	333	185	[5] 248	[5] 510	161	82	[5] 166	[5] 388
Sewing machines...do	3	89	39	64	8	78	74	164
Machinery and apparatus, industrial long tons	245	227	976	3,888	228	290	1,430	5,786
Typewriters and duplicating machines long tons	45	42	37	60	155	135	213	423
Motor trucks...number	952	656	1,696	3,313	766	537	2,633	6,009
Passenger cars and busses...do	1,180	738	1,107	4,463	955	610	1,826	8,147
Vehicle parts and accessories...long tons	193	157	207	651	157	142	326	958
Aircraft and parts...do	17	6	31	64	48	34	95	1,003
Pharmaceuticals...1,000 lb	64	66	165	284	75	70	521	864
Plastics materials, crude, fiberboard 1,000 lb	22	15	284	776	6	6	370	988
Paraffin...do	1,726	1,709	2,061	4,367	63	57	223	554
Pigments, paints and varnishes...do	377	386	1,526	2,090	106	106	390	1,076
Scientific and professional apparatus 1,000 lb	44	44	130	375	66	75	419	1,122
Fountain pens and parts					33	15	400	603
Other merchandise					1,114	1,196	15,498	21,572
Ships' stores					55	130	1,048	1,130
Gold and silver, bullion and coin[1]							5	90
Exports of Portuguese products to the United States, total					4,203	2,682	27,738	19,905
Sardines, canned...1,000 lb	5,029	4,131	10,311	8,893	446	429	3,403	2,688
Almonds, shelled...do			701	384			297	181
Olive oil...1,000 gal	20	57			24	69		
Paprika...1,000 lb	(6)	(6)	794	904	(6)	(6)	300	309
Wines and distilled liquors...1,000 gal	116	106	102	95	151	136	2,250	219
Ergot of rye...1,000 lb	128	68	397	60	26	13	330	73
Vegetable oils, other than olive...do	1,272	6,737			44	219		
Embroideries of cotton and linen...do	284	132	644	295	458	274	8,158	3,068
Cork, unmanufactured...do	156,798	66,350	194,042	223,941	2,331	1,054	7,675	10,009
Cork manufactures...do	7,094	3,691	16,239	8,631	378	212	2,385	1,126
Precious stones...troy oz	(6)	(6)	215	35	(6)	(6)	931	55
Other merchandise					345	276	2,009	2,177

[1] Gold and silver, bullion and coin excluded from totals.
[2] Reported as "Farinaceous products, not specified."
[3] Less than one-half the unit.
[4] Less than $500.
[5] Tractors only.
[6] Not shown separately.

FINANCE

Government Receipts and Expenditures (Millions of Escudos)

Item	1938	1939	1942	1944	1945	1946[1]	1947[1]
Receipts:							
Ordinary	2,259	2,176	2,907	3,340	3,328	3,019	3,466
Extraordinary	280	354	114	466	655	1,363	1,808
Total receipts	2,539	2,530	3,081	3,807	3,983	4,382	5,274
Expenditures:							
Ordinary	1,925	1,927	2,032	2,517	2,755	3,018	3,453
Extraordinary	372	469	922	1,163	1,170	1,363	1,820
Total expenditures	2,297	2,396	2,954	3,680	3,925	4,381	5,273

[1] Estimates.

Public Debt (December 31 of years specified) (Thousands of Escudos)

Item	1938	1939	1943	1945	1946
Gross total	7,567,561	7,520,802	9,713,934	10,371,696	11,289,382
Funded internal	2,854,520	2,839,894	6,885,272	6,812,768	7,261,742
Amortizable internal	169,846	168,963	755,589	1,544,911	2,038,730
Floating internal	20,874	1,833	2,023	2,143	2,171
Foreign funded	3,345,262	3,324,242	872,936	840,792	832,726
Credit balance, in Portuguese and foreign banks	858,706	747,706	2,414,534	2,952,045	3,024,562
Net debt	6,708,855	6,773,096	7,303,400	7,419,571	8,264,820

Bank of Portugal, position as of December 31, 1946, with 1945 data in parentheses (millions of escudos): Gold reserves, 1,422.7 (1,421.6); note circulation, 8,793.3 (8,165.6).

Total bank deposits (commercial and savings) in millions of escudos, for all banks and financial institutions: 1947, 28,842; 1946, 31,827; 1943, 21,959; 1939, 5,988; 1938, 5,711.

Protested Notes and Drafts

Year	Number	Amount (thousand escudos)	Year	Number	Amount (thousand escudos)
1938	35,658	85,678	1943	13,175	41,241
1939	38,274	79,195	1944	16,022	71,008
1940	31,019	73,780	1945	22,431	87,530
1941	27,814	64,534	1946	24,505	90,318
1942	14,259	47,467	1947	37,036	171,124

Currency and exchange.—Unit, the escudo, original parity, $1.0805; par from July 1, 1931, in the former gold dollar, $0.04424; par in present currency dollars, according to United States Treasury statement of April 1, 1935, $0.0748. Gold payments suspended September 22, 1931. Average exchange rate of the escudo 1930 through 1947, consecutively (noon buying rates in New York for cable transfers except those shown for 1942 through 1945, which are based on December averages of Lisbon selling rates): 1930, $0.0449; 1931, $0.0424; 1932, $0.0320; 1933, $0.0392; 1934, $0.0461; 1935, $0.0446; 1936, $0.0451; 1937, $0.0447; 1938, $0.0442; 1939, $0.0403; 1940, $0.0371; 1941, $0.0400 (average of daily rates for that part of the year during which quotations were certified); 1942, $0.0399; 1943, $0.0399; 1944, $0.0401; 1945, $0.0400; 1946, $0.0405; 1947, $0.0403.

PRINCIPAL SOURCES

Estatistica Agricola.
Anuario Estatistico.
Estatisticas Financeiras.
Comercio Externo, Vol. I and II.

RUMANIA

(See general explanatory note, p. vi)

The World War II Treaty of Peace with Rumania, effective September 15, 1947, confirmed the following territorial changes: (1) Bessarabia and northern Bukovina were ceded to the Soviet Union; (2) southern Dobruja was ceded to Bulgaria; and (3) northern Transylvania was returned to Rumania by Hungary. The peace treaty fixed the frontiers at those in effect on January 1, 1941, with the exception of the frontier with Hungary which was restored to that existing as of January 1, 1938.

All statistics contained herein refer to the territorial area existing in the year specified.

AREA AND POPULATION

Area, 92,040 square miles (prewar 1938, 113,887 square miles). Population, January 1948 census, 15,872,624. Population, July 1, 1946, estimate, 16,471,565, of which 3,572,119 (21.7 percent) estimated urban and 12,899,446 (78.3 percent) rural; July 1, 1938, estimate, 19,750,004; 1930 census, 18,057,028.

Cities, as of July 1, 1946, with December 31, 1936, estimates in parentheses: Bucuresti (Bucharest), 937,411 (643,293); Iași (Jassy), 108,096 (104,541); Timisoara (Temeswar), 107,505 (90,177); Cluj (Klausenburg), 105,770 (99,546); Poleste, 99,500 (77,000); Galati (Galatz), 92,756 (102,349); Oradea Mare (Grosswardein), 82,062, (81,181); Constantza, 79,565; Brăila, 73,506 (68,817).

School attendance.—1945–46: Primary, 1,962,844 (including private schools); secondary, 197,229 (including 33,089 in private schools); university 49,983.

AGRICULTURE

Land distribution, census of January 25, 1948 (acres): Arable, 21,663,796 (45.6 percent); pasture, 6,002,907; orchards, 307,588; forest, 11,934,858.

Livestock, 1948 (thousands): Cattle and buffaloes, 4,277; sheep, 10,935; swine, 1,459; goats, 571; horses, 939.

Principal Crops: Area and Production

Crop	Area (thousand acres)					Production (thousands of units—bushels, except as indicated)				
	1939[1]	1944[2]	1945[3]	1946[3]	1947	1939[1]	1944[2]	1945	1946	1947
Wheat	10,078	5,582	5,126	6,757	5,750	163,618	82,305	43,173	59,083	55,115
Rye	1,107	252	291	346	250	16,968	2,834	1,772	2,441	2,992
Barley	2,708	1,216	1,725	1,531	1,530	37,478	14,881	15,524	10,702	14,927
Oats	1,455	1,129	1,897	1,578	1,236	33,551	20,324	17,775	19,428	23,768
Corn	12,186	6,234	8,438	8,295	10,601	238,215	110,151	43,187	39,525	204,713
Potatoes	512	320	533	509	499	73,046	37,846	32,812	27,300	60,002
Sugar beets	132	84	108	116	141	[4] 855	[4] 404	[4] 201	[4] 204	[4] 516
Plums	402	256	286	319	------	[4] 582	[4] 290	[4] 363	[4] 244	[4] 106
Grapevines	912	447	546	552	------	[5] 308,377	[5] 148,309	[5] 169,955	[5] 93,796	------
Tobacco	53	55	59	61	59	[6] 30,864	[6] 33,069	[6] 24,251	[6] 17,637	[6] 37,478
Alfalfa and clover	879	440	724	571	------	[4] 1,170	[4] 458	[4] 440	[4] 176	------

[1] On basis of 71 districts.
[2] On basis of 48 districts.
[3] On basis of 58 districts.
[4] Unit, metric ton.
[5] Unit, gallon of wine.
[6] Unit, pound.

MINING AND MANUFACTURING

Mining and Metallurgical Production

Product	1931–35, average	1939	1942	1943	1944	1947
Petroleum ... 1,000 bbl	56,049	44,764	40,434	38,272	25,303	27,322
Lignite and brown coal ... 1,000 metric tons	1,597	2,179	2,367	2,604	2,017	2,108
Coal[1] ... do	235	286	285	306	251	162
Natural gas[2] ... million cu. meters	1,593	1,702	1,791	2,028	1,421	2,106
Salt ... 1,000 lb	635,040	826,024	794,525	846,242	363,457	------
Iron ore ... metric tons	52,638	143,078	215,250	244,457	231,804	115,000
Gold ... troy oz	118,994	123,468	74,364	54,576	55,104	59,016
Silver ... do	308,800	584,136	73,728	65,004	47,640	395,952
Pig iron ... metric tons	36,057	118,783	161,693	226,497	142,795	91,000
Copper ... 1,000 lb	431	1,607	102	155	107	1,153

[1] Bituminous and anthracite.
[2] Consumption.

Status of Active Manufacturing Enterprises as of October 14, 1947

Type of industry	Number of establishments	Number of employees	Horsepower
Metal and metal working	2,319	100,481	100,957
Electrical (technical)	235	4,590	302
Precision instruments	120	1,992	18
Lumber	3,936	85,419	84,045
Construction	814	40,241	64,009
Glassware	60	5,586	2,653
Ceramics	30	1,131	474
Textile	2,725	70,843	74,505
Leather and leather manufacturing	864	18,519	10,233
Ready-made clothing	615	7,202	2,028
Food processing	14,758	67,314	343,694
Paper and graphic arts	580	19,065	56,081
Chemical and pharmaceutical	1,177	23,015	72,836
Petroleum refineries and petroleum products[1]	38	16,572	45,798
Miscellaneous	24	335	271
Total	28,295	462,305	858,873

[1] Exclusive of extracting.

Production of Principal Industrial Items

Commodity		1938	1946[1]	1947[1]
Pig iron	metric tons	132,681	54,000	91,000
Steel	do	276,532	160,000	183,000
Rolled and structural iron and steel	do	(2)	127,000	140,000
Semimanufactures of iron and steel	do	[1] 275,000	(2)	141,000
Electric power	million kw-hr	[3] 568	(2)	[3] 712
Cement	metric tons	475,000	373,000	418,000
Sulfuric acid	1,000 lb	99,207	(2)	54,507
Caustic soda	do	(2)	(2)	28,162
Calcined soda	do	(2)	(2)	39,312
Refined petroleum products	1,000 bbl	43,737	27,682	24,800
Cotton yarn	1,000 lb	36,376	27,558	24,912
Cotton fabrics	do	46,297	9,921	7,054
Cotton knit goods	do	(2)	(2)	529
Cotton thread	do	(2)	(2)	245
Wool yarn	do	(2)	(2)	[4] 328
Wool fabrics	do	(2)	(2)	[4] 3,307
Silk and rayon yarn	do	(2)	(2)	[4] 888
Silk and rayon fabric	do	(2)	(2)	[4] 721
Silk and rayon knit goods	do	(2)	(2)	[4] 273
Saw timber	1,000 cu ft	53,254	(2)	47,982
Paper	1,000 lb	154,181	87,725	104,719
Woodpulp	metric tons	50,532	32,088	35,300
Cardboard	1,000 lb	8,148	5,847	6,679
Sugar	do	307,193	(2)	163,449

[1] Unofficial estimates.
[2] Information not available.
[3] Output of public utilities only.
[4] Last half of 1947 only.

TRANSPORTATION AND COMMUNICATION

Statistics of Railways

Item		1939	1943	1944	1945	1946
Length of line	miles	7,090	5,928	4,473	6,038	6,397
Locomotives[1]	number	2,271	2,669	1,924	1,719	1,870
Passenger cars[1]	do	2,987	2,950	1,951	1,733	1,694
Freight cars[1]	do	59,730	58,891	42,467	68,815	51,445
Passengers carried[2]	thousands	48,024	48,353	27,854	22,814	40,775
Passenger-miles[2]	millions	2,723	3,180	2,047	1,659	3,378
Freight carried	1,000 metric tons	27,284	28,023	17,955	16,505	18,476
Ton-miles	millions	3,648	4,011	2,944	2,842	2,979
Gross receipts[3]	million lei	12,209	50,112	44,042	283,205	1,461,020
Passenger service	do	3,150	12,137	8,391	46,503	412,833
Freight service	do	8,326	31,176	27,118	176,298	698,874

[1] At close of year; excluding those defective or antiquated. Locomotives exclude rail-motor cars. Freight cars include tank cars, both Government and privately owned.
[2] Including military service.
[3] Including miscellaneous receipts not shown separately.

Roads.—Total mileage of modernized roads: 1947, 1,119; 1938, 870. Other roads, 1946 mileage, with 1939 in parentheses: main highways, 7,800 (5,932); secondary highways of crushed stone, gravel, asphalt, or paving, 12,000 (12,376); and communal roads, 21,000 (28,951).

Air transportation.—Data for the first 9 months of 1947, with 1946 figures in parentheses: Total number of flights, 2,779 (2,771); total flight-hours, 6,202 (5,662); miles covered, 842,949 (785,320); passengers carried, 36,354 (35,259); postal transportation, 10,390 pounds; luggage and freight carried, 1,176,725 pounds.

Posts, telegraphs and telephones, 1944, with 1937 in parentheses.—Post offices: number, 3,821 (6,666); pieces of mail (millions), 250 (455). Telegraphs: length of line, 24,240 miles (12,718); length of wire, 94,209 miles (46,523). Gross receipts (millions of lei): Posts and telegraphs, 2,928 (1,219); telephones, 491 (985).

FOREIGN TRADE

No postwar foreign trade statistics are available for Rumania.

FINANCE

Government Receipts and Expenditures (Millions of Lei)

NOTE.—Fiscal years ending March 31.

Year	Receipts	Expenditures	Year	Receipts	Expenditures
1939	31,649	30,287	1945	222,501	252,170
1940	35,109	31,650	1946	1,060,769	1,423,269
1941	40,977	36,311	1947		
1942	66,763	42,319	1948 (planned)	55,100	55,100
1943	112,820	68,873	1949 (planned)	108,682	108,682
1944	214,448	166,938			

Public debt.—Data as of April 1, 1946, in millions of lei: Total funded debt, 124,960, of which 79,734 internal and 45,526 external.

Currency and Deposits and National Bank Position (Billions of Lei)

NOTE.—Data apply to end of year specified.

Item	1939	1941	1946	1947
Currency and deposits:				
Currency (gross)	56	106	6,397	26
Deposits (gross)[1]				
National Bank	9	22	926	----------
Other banks	13	18	382	----------
Postal Savings Bank	2	5	314	----------
Deposits and Consignment Bank	----------	----------	180	----------
Total money supply (net)[2]	72	141	7,815	----------
Time deposits[3]	4	7	3,888	----------
Govt. deposits (in National Bank)	2	6	235	------
Cash of other banks	7	9	377	------
National Bank of Rumania:				
Foreign assets (gold holdings)	20.8	34.3	----------	32.2
Domestic credits				
Government	21.0	36.0	1,964	----------
Non-Government	25.0	38.0	3,132	----------
Total	46.0	74.0	5,096	31.0

[1] Current account and sight deposits; excludes Government deposits in the National Bank.
[2] Excluding cash of other banks.
[3] Term and saving deposits in other banks.

Currency and exchange.—Basic monetary unit the leu (plural, lei). Monetary law No. 287 revalued the leu, effective August 15, 1947, at 150 lei to the United States dollar; leu defined as equivalent to 6.6 milligrams of gold of nine-tenths fineness and price of gold fixed at 168,350.17 lei per kilogram; old currency redeemed at rate of 20,000 old lei to 1 new leu up to maximum amounts set by the Government for various occupational classes, with remainder blocked in the National Bank.

Earlier data, official exchange rate in lei to the dollar: 140.78 in December 1937; 143.49 in December 1939; 3,635 in December 1945; 150,195 in April 1947; 450,188 in July 1947. Other rates existing in 1947, in addition to foregoing official rate for Government payments,

were: (a) Special rate applying to payments on open account, fixed at 225,195 lei to the dollar on March 15, 1947, and 650,188 on June 17; (b) open-market rate, reaching maximum of 6,000,000 lei to the dollar in July.

Prices.—Cost-of-living and wholesale price indexes more than doubled between 1937 and 1941. Cost-of-living index (1937=100): 1946 average, 23,700; July 1947, 552,000; August 1947 (following currency devaluation), 151; September 1947, 181.

PRINCIPAL SOURCES

Central Institute of Statistics (Institutul Central de Statistica), Communicari Statistic.
Probleme Economice, April 1948.
Aruarul Statistic al Romaniei.

SPAIN

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 195,258 square miles (including Canary Islands, 2,894). Population, 1930 census, 23,563,867 (including Canary Islands, 555,128); 1947 census, 25,877,971 (including Canary Islands, 680,294). Principal cities (1940 census): Madrid, 1,088,647; Barcelona, 1,081,175; Valencia, 450,756; Sevilla, 312,123; Zaragoza, 238,601; Málaga, 238,085; Bilbao, 195,186; Murcia, 193,731; Granada, 155,405; Córdoba, 143,296, Las Palmas (Canary Islands), 119,595; Valladolid, 116,024, Palma (Balearic Islands), 114,405.

Distribution of population by occupations, 1940 census (thousands): Agriculture and forestry, 4,697; fishing, 84; mining, 100; industry, 1,732 (metalworking, 245; textile, 221; woodworking, 183; foodstuffs, 151; clothing, 120; hides and skins, 112; chemical, 54; metallurgical, 34; printing, 34; miscellaneous, 578); construction, 373; commerce, 589; transportation, 310; professions, 376; army and police, 380; priests and clergy, 101; state employees, 90; domestic service, 370; student population, 4,592.

Education.—School enrollment (1943–44): Primary, 2,505,954; secondary, 178,470; university, 41,764. Illiteracy (1930 census): 43 percent of population over 10 years of age unable to read or write.

AGRICULTURE, FISHING, AND FORESTRY

Land distribution, 1943 (thousand acres): Cereals, 17,403; legumes, 3,573; vineyards, 3,707; olives, 5,325; fallow, 11,359; rootcrops, 1,433; industrial plants, 1,915; green vegetables, 457; fruit orchards, 1,268; pasture and forage crops, 904; forests, 59,304.

Livestock, 1945 (thousands): Cattle, 2,765; swine, 2,402; sheep, 13,762; goats, 3,697; horses, 615; mules, 1,156; asses, 795.

Value of field crops (millions of pesetas): 1932, 9,951; 1935, 8,932; 1942, 22,842; 1943, 21,232.

Principal Crops: Area and Production
[Yearly averages and years]

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1926–30	1931–35	1942	1945[1]	1946[1]	1926–30	1931–35	1942	1945[1]	1946[1]
Wheat	10,703	11,280	8,886	8,863	9,410	143,420	160,337	99,931	61,740	133,110
Rye	1,658	1,467	1,505	1,480	1,465	22,179	21,699	16,889	8,411	18,751
Barley	4,481	4,683	3,951	3,766	3,674	94,303	109,968	75,429	32,656	87,876
Oats	1,902	1,917	1,814	1,564	1,586	41,664	46,159	40,992	15,363	42,666
Corn	1,040	1,076	993	872	914	23,598	27,929	20,609	18,562	20,802
Rice	121	116	116	119	121	[2] 678,195	[2] 647,460	[2] 456,352	[2] 454,809	[2] 453,045
Potatoes	832	1,065	1,151	------	------	142,623	178,150	135,249	177,661	100,655
Sugar beets	166	213	119	148	173	[3] 1,740	[3] 2,150	[3] 930	------	------
Beet sugar	------	------	------	------	------	[3] 226	[3] 271	[3] 144	[3] 97	[3] 159
Olive orchards	4,396	------	4,868	------	------	[4] 107,895	[4] 105,135	[4] 69,724	[4] 80,923	[4] 53,204
Grapevines	3,460	3,433	3,385	[5] 3,580	------	[6] 577,948	[6] 512,423	[6] 579,721	[5] [6] 345,244	[5] [6] 454,372
Oranges	------	185	203	200	200	------	[2] 2,302,264	[2] 1,744,500	[2] 1,366,852	[2] 1,543,220

[1] Data provisional.
[2] Unit, pound.
[3] Unit, metric ton.
[4] Unit, gallon of oil.
[5] Estimated.
[6] Unit, gallon of must.

Fishing

Year	Quantity (metric tons)				Value (thousands of pesetas)			
	Crustaceans	Mollusks	Fish	Total	Crustaceans	Mollusks	Fish	Total
1932	5,215	16,393	298,155	319,763	11,967	12,052	240,464	264,483
1934	9,861	27,025	350,915	387,801	16,964	18,829	271,528	307,321
1942	9,697	27,349	407,373	444,419	41,982	44,104	908,050	994,136
1945	15,851	26,204	510,865	552,920	75,003	61,683	1,138,783	1,275,469
1946	17,300	26,200	550,300	594,300	79,700	74,700	1,561,800	1,716,200

MINING AND MANUFACTURING

Value of Mineral Production (In Pesetas)

Item	1934	1935	1942	1945	1946
Crude	463,341,236	444,540,492	1,265,966,462	1,648,551,844	1,865,700,000
Refined	986,586,363	1,053,396,492	1,794,483,516	2,565,496,002	3,036,000,000

Production of Minerals

Product	1934	1935	1942	1945	1946
Coal and lignite 1,000 metric tons	6,231	7,321	10,362	12,082	12,016
Coke do	736	758	962	909	764
Pyrites[1] do	2,072	2,286	627	900	896
Pig iron do	363	355	535	477	490
Copper, blister[2] metric tons	13,777	11,600	11,590	11,432	7,246
Copper, regulus do	13,247	11,720	5,265	3,280	1,921
Lead do	96,007	70,600	41,149	31,922	38,902
Zinc do	8,181	7,600	19,150	17,310	17,542
Mercury do	1,096	1,226	2,492	1,403	1,400
Superphosphates do	1,032,823	1,065 000	400,830	549,847	377,200
Cement 1,000 metric tons	1,362	1,462	1,646	1,926	1,718
Potash[3] do	140	121	91	120	127

[1] Iron and copper.
[2] Includes electrolytic.
[3] Potash content of ore mined.

Manufacturing, 1946, with 1935 in parentheses (in thousands of metric tons, unless otherwise specified): Steel ingots, 575 (594); sulfuric acid, 262 (334); alcohol and neutral spirits (thousands of gallons), 9,167 (26,972); common salt, 510 (737); locomotives (units), 55 (13); railway cars (units), 559 (256).

Indexes of industrial production for 1946, with 1935 in parentheses (1929=100): General index, 121.9 (103.3); coal, 159.7 (96.8); electric energy, 193.7 (129.3); metals, 57.6 (52.9); agricultural machinery, 97.3 (86.6); construction materials, 119.5 (79.8); chemical products, 54.3 (130.9); foodstuffs, 161.8 (131.7); textiles, 89.0 (128.7).

Unemployment (thousands).—1940, 474; 1942, 294; 1946, 178; 1947, 138.

Electric power and energy.—Capacity of electric power installations, in thousands of kilowatts: 1934, 1,353; 1935, 1,480; 1942, 1,606; 1944, 1,673; 1945 (preliminary), 1,698. Production of electric energy, in million kilowatt-hours: 1934, 3,027; 1935, 3,272; 1942, 4,438; 1944, 4,719; 1945 (preliminary), 4,173.

Distribution of electric energy, 1944, with 1941 data in parentheses (in million kilowatt-hours): Lighting, 626 (550); industrial and agricultural uses, 2,353 (1,976); electric traction, 310 (269); use by electrical companies and losses in transmission, 1,430 (1,095); total, 4,719 (3,890).

TRANSPORTATION AND COMMUNICATION

Statistics of Railways

NOTE.—In July 1945 about 78 percent of the mileage was state-owned (largely broad gage) and 22 percent privately owned (various narrow gages).

Item	1933	1934	1942	1944	1945
Length of line……miles	10,524	10,340	10,830	10,885	[illegible]
Locomotives……number	3,943	3,937	3,027	3,242	[illegible]
Passenger cars……do	6,851	6,779	3,025	4,267	[illegible]
Freight cars……do	87,337	88,047	82,816	84,962	[illegible]
Passengers carried……thousand	111,130	107,667	107,823	114,447	------
Freight carried……1,000 metric tons	39,655	38,856	26,490	23,950	------
Gross receipts[1]……million pesetas	829,416	845,609	1,569	1,662	[illegible]

[1] Receipts of state-owned lines only.

Merchant Marine (Vessels of 100 Tons or Over)

Item	1934	1935	1942	1944	1945	1946
Vessels……number	840	934	920	947	1,006	[illegible]
Capacity……gross tons	1,177,627	1,177,732	1,056,926	1,010,235	1,037,938	[illegible]
Steam or other power……do	1,164,489	1,164,271	[1] 881	[1] 909	[1] 969	[1] [illegible]

[1] Number of vessels.

Civil Aviation—Traffic of Spanish Airports

Item	1941	1942	1944	1945
Number of aircraft:				
Entering	6,990	5,526	3,903	[illegible]
Leaving	6,984	5,492	3,904	[illegible]
Number of passengers:				
Entering	57,228	46,094	22,103	[illegible]
Leaving	62,422	51,183	24,190	[illegible]
In transit	14,638	16,642	9,168	[illegible]
Mail and newspapers……1,000 lb				
Entering	842	488	279	[illegible]
Leaving	855	635	537	[illegible]
In transit	560	488	503	[illegible]
Merchandise and baggage……1,000 lb				
Entering	2,036	1,929	1,026	[illegible]
Leaving	2,256	2,155	1,572	[illegible]
In transit	1,031	1,547	859	[illegible]

Posts, Telegraphs, and Telephones

Item	1932	1933	1942	1944	1945
Postal services:					
Number of offices	9,578	9,547	8,963	9,360	[illegible]
Pieces of mail……thousands	884,601	883,739	653,128	769,450	[illegible]
Gross receipts……1,000 pesetas	104,385	104,715	161,462	178,650	[illegible]
Telegraphs:					
Length of line……miles	33,560	25,546	26,406	25,503	[illegible]
Length of wire……do	91,235	82,123	85,477	81,904	[illegible]
Number of messages sent……thousands	10,345	10,783	8,832	[1] 33,811	[1] [illegible]
Gross receipts……1,000 pesetas	32,411	25,724		97,141	[illegible]
Telephones:					
Length of wire……miles	1,127,381	1,167,930	------	------	[2] [illegible]
Number of instruments	270,572	281,229	364,923	406,513	[illegible]

[1] Total number of messages sent and received. [2] As of January 1, 1946.

FOREIGN TRADE

Per capita trade.—1946: Imports, $11.05; exports, $9.50.

Basis of trade statistics.—Special commerce; imports are for consumption; exports are national and nationalized goods which have been definitively exported. The statistical area comprises continental Spain and the Balearic Islands. Both quantities and values are based on declarations; import values c. i f., exports f. o. b.

Value figures, which are expressed in gold pesetas in the Spanish statistics, have been converted to United States dollars at the following rate: 1934–46, $0.3267.

Value of Imports and Exports

Year	Value (thousands of dollars)			
	Merchandise		Gold, silver and specie	
	Imports for consumption	Exports of Spanish products	Imports	Exports
1934	279, 270	199, 611	73	503
1935	286, 940	190, 613	316	1, 560
1939[1]	111, 978	78, 287	(2)	----
1940	202, 655	128, 737	90	92
1941	179, 543	170, 188	107	39
1942	197, 367	205, 468	1, 790	599
1943	296, 806	286, 480	1, 731	472
1944	270, 030	311, 577	22	1, 004
1945	281, 810	285 710	2, 108	2, 001
1946	301, 560	258, 539	121	7, 209

[1] April–December.
[2] Negligible.

Trade with Principal Countries (Thousands of Dollars)

Country	Imports				Exports			
	1939 April–December	1940	1945	1946	1939 April–December	1940	1945	1946
Total merchandise trade, exclusive of gold, silver and specie	**111, 978**	**202, 655**	**281, 810**	**301, 560**	**78, 287**	**128, 737**	**285, 710**	**258, 539**
United States	15, 706	28, 546	51, 471	52, 985	7, 943	15, 224	58, 013	48, 061
Argentina	31, 296	28, 628	28, 978	30, 211	1, 678	2, 054	11, 219	6, 737
Belgium-Luxembourg	3, 081	3, 232	470	927	1, 577	2, 558	1, 787	6, 588
Belgian Congo	110	483	2, 017	1, 057	----	6	----	327
Brazil	913	1, 024	15, 803	24, 810	138	497	1, 423	3, 288
British America[1]	----	----	5, 803	241	8	13	19	26
Canada	156	747	557	709	455	582	3, 014	2, 697
Canary Islands	3, 694	17, 560	21, 311	27, 354	3, 628	13, 075	25, 924	31, 738
Ceuta	35	84	588	1, 207	2, 430	8, 305	14, 542	14, 888
Chile	1, 434	2, 979	3, 554	5, 296	339	541	484	1, 264
Cuba	3, 569	7, 542	7, 288	9, 269	1, 191	1, 900	3, 630	5, 667
Denmark	1, 305	221	816	3, 131	348	222	2, 775	4, 073
Egypt	209	3, 496	1, 085	2, 060	6	5	61	1, 657
France	1, 938	6, 630	4, 026	1, 478	279	10, 245	4, 017	1, 186
French Asia	----	4, 195	266	69	----	1	----	----
French West Africa	----	918	2, 538	----	1	8	----	----
Germany	14, 458	7, 849	5, 631	529	19, 377	4, 591	522	215
India	2, 248	3, 156	3, 109	3, 743	93	139	121	662
Ireland	2	40	8	322	153	323	1, 188	4, 117
Italy[3]	3, 860	7, 585	992	2, 877	4, 861	5, 117	297	6, 492
Japan	322	210	----	----	876	4, 641		
Melilla[3]	51	162	707	1, 432	1, 906	5, 243	9, 078	10, 214
Mexico	21	3, 703	174	2, 650	482	688	2, 161	3, 340
Morocco:								
French	442	4, 807	4, 302	2, 144	1	----	1, 508	11
Spanish	453	1, 031	2, 412	2, 876	1, 884	3, 258	9, 439	7, 970
International Zone	3	24	42	351	11	56	699	2, 061
Netherlands	3, 930	1, 567	168	1, 605	2, 682	5, 881	1, 098	4, 364
Netherlands Antilles	107	10	20, 976	11, 774	1	31	23	37
Newfoundland	----	11	2, 872	6, 188	67	11	6	29
Norway	1, 180	914	552	6, 181	881	1, 090	1, 618	4, 077
Portugal	687	3, 804	2, 584	3, 572	710	878	5, 802	6, 702
Portuguese West Africa	----	688	5, 451	6, 270	----	(4)	10	2
Spanish Guinea	3, 952	9, 407	15, 929	16, 227	572	2, 322	5, 186	6, 143
Sweden	1, 731	1, 425	6, 094	8, 162	1, 453	887	8, 610	10, 691
Switzerland-Liechtenstein	895	3, 069	20, 504	17, 159	818	4, 287	21, 011	15, 521
Union of South Africa	121	207	12, 844	3, 097	41	57	106	321
United Kingdom	5, 763	6, 186	11, 819	25, 246	19, 922	29, 352	83, 967	37, 187
Venezuela	113	299	12, 233	8, 165	78	725	859	1, 010
Other countries	8, 193	10, 324	5, 836	10, 186	1, 397	3, 621	5, 493	9, 176
Monopolized goods	(5)	29, 892	(5)	(5)	(5)	303	(5)	(5)

See footnotes at end of table.

Trade with Principal Countries (Thousands of Dollars)—Continued

Country	Imports				Exports			
	1939 April–December	1940	1945	1946	1939 April–December	1940	1945	1946
Percent of total[6]:								
United States	14.0	--------	18.3	17.6	10.1	--------	20.3	18.6
Argentina	27.9	--------	10.3	10.0	2.1	--------	3.9	2.6
Brazil	--------	--------	5.6	8.2	--------	--------	.5	1.1
Canary Islands	3.3	--------	7.6	9.1	4.6	--------	9.1	12.1
Germany	12.9	--------	2.0	.2	24.8	--------	.2	.1
Netherlands Antilles	--------	--------	7.4	3.9	--------	--------	(4)	(4)
Switzerland-Lichtenstein	--------	--------	7.3	5.7	--------	--------	7.4	6.0
United Kingdom	5.1	--------	4.2	8.4	25.4	--------	29.4	14.4

[1] British America other than Canada and Newfoundland.
[2] Includes Albania in 1939 and 1940.
[3] Includes Zafarin Islands, Alhucemas, and Peñon de Velez de la Gomera.
[4] Negligible.
[5] Included in the figures for the respective countries.
[6] Percentages were not computed for 1940 inasmuch as data for monopolized goods were not available by country of origin or destination.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1939 April–December	1940	1945	1946	1939 April–December	1940	1945	1946
Imports for consumption, total	--------	--------	--------	--------	**[1]103,792**	**202,655**	**281,810**	**301,560**
Livestock .... number	818	66,011	5,312	8,186	61	1,243	1,670	1,516
Meats, game, poultry .... 1,000 lb	3,212	2,829	2,818	3,332	620	349	519	583
Milk, evaporated, condensed, or dried .... 1,000 lb	3,542	1,345	856	1,045	683	325	224	278
Cod, and stock fish .... do	32,304	18,674	19,794	26,311	2,734	1,567	3,200	8,406
Fish and shellfish, other .... do	1,341	34,248	36,309	57,470	139	4,161	5,934	10,680
Hides and skins .... do	9,567	6,787	7,310	3,901	1,178	1,138	1,508	1,005
Barley .... 1,000 bu	683	267	1,301	2,183	391	180	1,456	3,182
Corn .... do	214	1,261	80	1,278	177	1,060	101	2,334
Rice, husked .... 1,000 lb	39,419	121,841	121	73	1,595	5,879	11	11
Rye .... 1,000 bu	(2)	23	--------	825	(3)	38	--------	2,561
Wheat .... do	13,267	24,766	14,976	9,765	29,491	32,042	18,709	21,024
Wheat flour .... 1,000 bbl	40	350	25	330	461	2,259	332	3,408
Beans, peas, lentils .... 1,000 bu	153	1,033	668	1,370	369	4,161	2,387	7,517
Potatoes .... do	1,439	767	424	1,105	1,420	684	1,090	2,832
Tomatoes .... 1,000 lb	--------	44,449	20,082	29,761	--------	1,645	1,278	1,947
Vegetables, other .... do	2	3,358	1	26,692	(3)	87	(3)	1,222
Fruits and nuts .... do	114	225,064	129,991	91,992	15	10,796	11,656	7,874
Vegetable oils, edible .... do	24,462	3,415	--------	7,810	1,397	200	--------	1,393
Cocoa beans .... do	5	34,765	32,436	29,586	(3)	5,323	6,867	6,747
Coffee, green .... do	2,589	13,459	23,493	23,204	273	2,560	6,994	7,461
Spices .... do	940	840	438	218	211	202	429	166
Sugar .... do	31,432	83,806	113,351	34,073	2,700	7,251	6,413	2,780
Crude rubber, natural and synthetic .... do	8,167	7,102	5,371	21,909	1,824	1,919	2,979	3,840
Oilseeds .... do	28,263	64,620	68,116	33,733	817	4,514	5,002	3,348
Perfume essences, non-alcoholic .... do	24	46	71	143	79	200	785	1,187
Quebracho extract .... do	5,032	4,560	10,435	8,419	248	329	839	511
Sugar-beet seed .... do	1,847	3,816	1,914	5,504	265	513	518	1,308
Vegetable products, other .... do	591	1,187	2,500	588	160	634	688	403
Cotton, raw and waste .... do	28,965	164,266	254,637	155,203	3,853	21,788	55,991	39,147
Cotton yarn and manufactures .... do	970	330	214	499	674	298	532	507
Hemp, flax, jute and other vegetable fibers, unmanufactured .... 1,000 lb	29,609	30,965	19,176	30,176	1,583	2,407	1,996	2,656
Wool, unmanufactured .... do	1	38	29,018	7,301	(3)	5	13,375	2,871
Silk, rayon, and manufactures .... do	1,771	2,833	151	407	822	1,677	842	917
Textiles, other .... do	12,280	11,753	3,783	3,700	751	757	227	338
Wood, unmanufactured; sawmill products				--------	427	2,982	2,166	2,700
Staves .... 1,000 lb	34,909	44,710	4,315	17,658	924	1,429	303	825

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity: 1939 April–December	Quantity: 1940	Quantity: 1945	Quantity: 1946	Value (thousands of dollars): 1939 April–December	Value: 1940	Value: 1945	Value: 1946
Wood manufactures ... 1,000 lb	3, 253	9, 186	1, 175	297	183	376	78	28
Wood pulp ... long tons	33, 910	20, 835	26, 521	48, 521	1, 191	1, 226	3, 471	5, 306
Paper and products ... 1,000 lb	4, 477	3, 357	17, 894	17, 675	538	486	1, 660	1, 771
Coal, coke, briquets ... 1,000 long tons	28	136	54	74	225	1, 947	1, 360	1, 113
Asbestos ... 1,000 lb	1, 619	4, 202	3, 698	11, 378	146	300	626	1, 604
Glass and glassware ... do	473	758	299	263	146	216	138	174
Clay products ... long tons	891	764	818	1, 475	161	177	287	286
Iron ore ... 1,000 long tons	-------	48	77	105	-------	179	457	673
Ores, other ... do	8	15	11	5	159	417	741	432
Iron and steel semimanufactures ... long tons	39, 026	93, 702	24, 730	34, 053	1, 480	2, 558	1, 487	2, 472
Iron and steel manufactures ... do	2, 049	3, 731	2, 441	3, 959	791	1, 113	1, 076	1, 445
Aluminum, ingots and scrap ... 1,000 lb	-------	210	4, 305	4, 542	-------	61	732	705
Copper, brass, and bronze, unmanufactured ... 1,000 lb	6, 898	5, 865	9, 077	16, 249	852	835	1, 460	1, 899
Tin, ingots and bars ... do	1, 603	2, 189	202	622	751	1, 091	121	996
Electrical machinery and apparatus ... long tons	878	735	2, 988	3, 432	1, 304	2, 366	8, 542	9, 034
Internal combustion engines and parts	-------	-------	-------	-------	757	825	1, 356	3, 639
Machine tools ... long tons	815	525	481	1, 199	1, 109	792	1, 473	2, 344
Textile machinery ... do	104	229	946	341	117	352	1, 256	793
Ball bearings ... do	47	113	104	372	134	409	434	1, 293
Hydraulic turbines and governors ... do	29	1	606	653	15	1	716	868
Agricultural machinery ... do	347	689	407	1, 261	93	340	191	702
Motor trucks ... number	1, 022	2, 994	233	586	2, 026	4, 795	532	1, 447
Passenger cars ... do	2, 765	3, 500	538	760	3, 093	4, 205	763	1, 336
Passenger airplanes ... do	-------	-------	5	15	-------	-------	540	1, 705
Aircraft parts and accessories ... long tons	6	50	7	6	36	295	129	73
Ships ... gross registered tons	4, 879	10	5, 277	15	184	4	894	53
Railway passenger cars ... long tons	-------	(2)	-------	-------	-------	(3)	-------	-------
Pitch ... 1,000 lb	90, 363	88, 035	18, 730	101, 142	415	589	339	1, 898
Coal-tar products, other ... do	1, 284	5, 613	1, 606	3, 826	714	2, 865	3, 900	3, 828
Drugs and pharmaceuticals ... do	466	666	849	1, 734	697	1, 782	5, 880	4, 653
Insecticides and fungicides ... do	7, 259	6, 471	16, 953	10, 594	404	367	2, 146	901
Paints, varnishes, dyes ... do	2, 449	1, 948	1, 886	7, 203	329	292	360	945
Phosphate rock ... long tons	254, 660	273, 817	266, 241	153, 360	1, 951	1, 865	4, 618	2, 703
Fertilizers ... do	149, 831	108, 366	52, 379	100, 278	6, 305	4, 881	3, 589	7, 763
Films ... 1,000 lb	160	282	-------	-------	411	785	1, 422	1, 966
Surgical and medical instruments and apparatus ... 1,000 lb	32	21	9	24	154	137	119	276
Books and printed matter ... do	354	549	795	989	716	212	392	648
Watches and clocks	-------	-------	-------	-------	21	63	722	702
Monopolized goods:	-------	-------	-------	-------	15, 444	29, 892	50, 565	48, 075
Petroleum and products:								
Gasoline ... 1,000 bbl	2, 773	-------	1, 992	2, 885	7, 072	-------	15, 499	12, 601
Kerosene ... do	72	-------	53	173	145	-------	439	764
Gas oils ... do	604	-------	706	1, 210	1, 313	-------	5, 100	4, 975
Lubricating oils ... do	158	-------	297	403	886	-------	3, 417	2, 939
Crude, light ... do	-------	-------	13	13	-------	-------	92	79
Crude, heavy ... do	-------	-------	690	956	-------	-------	4, 871	3, 529
Fuel oils ... do	856	-------	757	1, 005	1, 393	-------	5, 437	3, 814
Asphalt ... long tons	64, 556	-------	227, 355	399, 354	149	-------	1, 125	2, 066
Petrolatum ... 1,000 lb	-------	-------	966	1, 651	-------	-------	77	122
Petroleum jelly ... do	-------	-------	206	296	-------	-------	20	21
Paraffin ... do	11, 429	-------	1, 668	412	487	-------	165	66
Tobacco and manufactures ... do	3, 456	-------	14, 947	15, 921	3, 857	-------	13, 793	16, 689
Matches ... do	467	-------	829	483	142	-------	530	410
Other merchandise	-------	-------	-------	-------	4, 398	10, 958	20, 217	29, 557
Bullion and specie [4]	-------	-------	-------	-------	-------	90	2, 108	120

[1] Does not include imports from Spanish possessions. Total imports including imports from Spanish possessions amounted to 111,978 thousands of dollars; no breakdown of total imports including Spanish possessions, by commodities, available. [2] Less than one-half the unit. [3] Less than $500. [4] Not included in totals.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1939 April-December	1940	1945	1946	1939 April-December	1940	1945	1946
Domestic exports, total					[1] 67,867	128,737	285,710	258,539
Sardines, canned 1,000 lb.	8,915	12,592	4,085	7,402	1,105	1,857	1,216	2,043
Fish and shellfish, other 1,000 lb.	4,800	9,568	15,088	10,123	826	1,790	5,499	3,984
Goat and sheep skins, untanned 1,000 lb.	2,792	2,380	654	1,961	1,872	1,193	619	2,436
Leather and manufactures 1,000 lb.	65	540	947	706	71	805	2,592	1,840
Gut, dry do.	4	15	6	4	8	68	90	47
Barley 1,000 bu.	[2]	127	349	186	[3]	168	775	438
Rice, husked 1,000 lb.	----------	22,989	11,728	14,304	----------	1,264	1,145	1,384
Wheat flour 1,000 bbl.	8	260	224	188	8	2,274	2,160	2,376
Onions 1,000 lb.	56,397	34,222	72,925	7,319	769	563	2,308	259
Potatoes 1,000 bu.	674	707	174	47	908	1,235	454	122
Paprika, ground or unground 1,000 lb.	1,818	3,511	4,022	6,089	436	1,019	1,378	2,102
Olives do.	14,900	28,939	28,149	25,997	1,652	2,525	4,734	6,211
Vegetables, fresh or dried, other 1,000 lb.	3,632	16,639	19,773	15,115	143	966	1,636	1,141
Vegetables, canned do.	17,189	7,817	1,900	2,037	1,632	640	389	635
Lemons do.	33,662	49,842	43,842	23,626	1,182	1,691	2,417	1,510
Oranges do.	245,514	715,916	579,525	444,292	6,966	22,907	24,529	26,072
Grapes, fresh do.	14,296	2,027	11,333	28,396	1,703	140	1,112	3,338
Raisins do.	765	393	13,742	1,660	137	331	2,832	504
Fruit, pulp do.	36,105	23,310	30,491	29,376	2,246	1,504	2,528	2,628
Almonds do.	17,785	21,416	42,598	14,641	4,695	5,052	20,123	6,773
Filberts do.	15,138	7,497	17,016	2,145	3,604	1,350	6,390	883
Fruits and nuts, other do.	12,964	38,399	81,460	86,484	1,053	5,278	18,879	23,013
Olive oil do.	11,468	30,124	42,065	24,393	2,191	5,569	11,741	8,232
Sugar do.	----------	9,413	23,494	21,975	----------	787	3,721	3,529
Distilled liquors 1,000 gal.	88	519	1,107	1,388	267	1,529	5,832	7,518
Wines do.	6,939	11,652	11,663	15,033	8,913	10,693	15,417	25,038
Pneumatic tire casings, including used 1,000 lb.	[2]	442	426	1,369	[3]	281	543	1,785
Turpentine do.	7,624	3,386	697	5,152	1,062	331	129	1,283
Naval stores, other; gums and resins 1,000 lb.	21,466	17,939	16,378	28,551	2,236	1,102	1,291	2,089
Essences and essential oils 1,000 lb.	208	941	905	868	166	940	1,850	1,506
Saffron do.	12	27	14	23	329	705	417	738
Cotton fabrics do.	9	3,745	8,340	11,438	3	3,535	11,160	16,408
Alpargatas (hemp sandals) 1,000 lb.	----------	583	3,028	2,916	----------	243	2,058	1,957
Fabrics of wool or hair do.	31	193	348	222	1	262	1,277	828
Wool blankets do.	----------	11	1,444	2,369	----------	7	2,356	3,402
Hair of rabbits, hare, beavers, etc. 1,000 lb.	2	28	209	214	5	50	1,001	956
Silk and rayon fabrics do.	[2]	2	52	761	[3]	7	158	2,153
Fine wood, unworked do.	2	372	2,147	2,157	1	26	935	984
Wooden cooperage for liquids 1,000 lb.	9,134	8,577	3,337	4,969	934	869	227	119
Cork and manufactures 1,000 lb.	81,219	101,049	78,980	89,211	4,115	5,423	5,783	9,985
Paper, untreated, in rolls 1,000 lb.	52	4,082	10,724	8,588	14	326	1,724	1,689
Cigarette paper do.	555	2,099	1,293	1,649	160	762	997	1,407
Coal, bituminous 1,000 long tons	----------	93	337	358	----------	616	2,994	4,062
Cement long tons	37,040	83,076	63,612	62,345	807	1,111	1,084	1,258
Glass bottles and containers 1,000 lb.	4,184	8,924	17,154	23,871	119	340	727	791
Salt do.	388,131	341,389	432,295	733,396	275	286	1,211	2,346
Iron pyrites 1,000 long tons	871	808	491	622	2,726	2,464	2,788	3,483
Iron ore do.	1,241	788	257	776	5,257	2,737	822	2,895
Cast iron, in pigs long tons	8,475	5,482	2,871	2,866	284	227	215	199
Iron and steel, in bars and rods long tons	2,296	10,265	27,770	6,313	168	736	4,542	1,068
Iron and steel, in plates and sheets long tons	----------	364	10,577	5,751	----------	45	2,109	1,095
Lead, in pigs 1,000 lb.	2,909	10,557	3,240	3,078	198	626	586	599
Zinc blende (sphalerite) long tons	35,073	14,741	6,148	45,073	551	255	286	1,771
Mercury 1,000 lb.	2,190	4,042	2,634	868	2,406	8,967	6,481	846

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1939 April–December	1940	1945	1946	1939 April–December	1940	1945	1946
Tungsten and wolframite ores..........long tons..	75	554	1,636	52	68	685	38,237	41
Drugs and pharmaceuticals 1,000 lb..	390	3,889	5,130	2,789	139	952	2,639	1,778
Tartaric acids and salts; wine lees..........1,000 lb..	10,551	23,220	6,497	2,916	392	1,757	3,242	1,595
Paints, varnishes, dyes..do....	168	13,920	11,588	24,358	16	452	1,156	1,586
Fertilizers, phosphatic long tons..	2,527	5,854	11,893	87,394	38	185	348	1,946
Fertilizers, potassic.....do....	4,129	91,745	124,469	146,725	164	2,349	4,822	5,834
Soap..........1,000 lb..	75	7,955	7,401	7,964	53	1,085	1,195	1,178
Books and printed matter 1,000 lb..	317	584	724	1,088	144	309	641	949
Monopolized goods:..........	----------	----------	----------	----------	----------	303	3,012	374
Petroleum and products:								
Gasoline.....1,000 bbl..	----------	----------	327	43	----------	----------	2,922	345
Kerosene..........do....	----------	----------	(2)	(2)	----------	----------	1	1
Gas oils..........do....	----------	----------	(2)	----------	----------	----------	5	----------
Lubricating oils..do....	----------	----------	1	(2)	----------	----------	56	6
Asphalt.....long tons..	----------	----------	296	252	----------	----------	27	22
Petroleum jelly 1,000 lb..	----------	----------	7	(2)	----------	----------	(3)	(3)
Paraffin..........do....	----------	----------	4	----------	----------	----------	1	----------
Other merchandise..........	----------	----------	----------	----------	2,649	14,183	34,151	41,422
Bullion and specie [4]..........	----------	----------	----------	----------	----------	92,450	2,001	7,209

[1] Does not include exports to the Spanish possessions. Total exports including exports to the Spanish possessions amounted to 78,287 thousands of dollars; no breakdown of total exports including Spanish possessions, by commodities, available.

[2] Less than one-half the unit.

[3] Less than $500.

[4] Not included in totals.

Trade with the United States

Commodity	Quantity				Value (thousands of dollars)			
	1939 April–December	1940	1945	1946	1939 April–December	1940	1945	1946
Imports for consumption from the United States, total..........	----------	----------	----------	----------	**15,706**	**28,546**	**51,471**	**52,985**
Salt pork, bacon and lard 1,000 lb..	2,736	1	(1)	1	350	(2)	(1)	(2)
Milk, evaporated, condensed, or dried..........1,000 lb..	(1)	22	(3)	2	(1)	3	(2)	(2)
Wheat..........1,000 bu..	245	106	----------	1,512	545	141	----------	3,359
Wheat flour..........1,000 bbl..	5	(3)	13	247	62	(2)	242	2,518
Beans, peas, lentils 1,000 bu..	----------	148	(1)	(3)	----------	492	(1)	(2)
Vegetable oils, edible 1,000 lb..	(1)	----------	----------	6,356	(1)	----------	----------	1,127
Rubber, crude..........do....	(1)	454	3,313	5,735	(1)	123	2,274	1,136
Tires and tubes..........do....	24	54	17	1,074	18	41	39	861
Sugar-beet seed..........do....	(1)	----------	1,105	3,801	(1)	----------	242	882
Cotton, raw and waste ....1,000 lb..	16,137	122,300	167,713	68,522	1,359	17,255	39,008	18,723
Staves..........do....	10,747	21,881	4,315	5,845	345	857	304	337
Paper base stocks:.......do....	----------	11,732	----------	----------	----------	296	----------	----------
Wood pulp, chemical 1,000 lb..	----------	2,084	----------	----------	----------	134	----------	----------
Electrodes, for industrial use 1,000 lb..	(1)	2,050	1,329	1,665	----------	390	218	283
Sulfur, crude..........do....	----------	----------	21,953	11,241	----------	----------	300	259
Iron and steel scrap long tons..	7,701	68,762	6,971	104	191	1,558	224	2
Barrels, metal..........do....	403	1,926	1,331	1,815	80	387	280	363
Copper, bronze and brass scrap..........1,000 lb..	----------	2,939	(3)	(3)	----------	394	(2)	(2)
Electrical machinery and apparatus..........long tons..	----------	179	85	263	219	329	224	1,145
Internal combustion engines and parts..........	----------	----------	----------	----------	243	172	47	519
Agricultural machinery and implements.....long tons..	(1)	473	364	889	(1)	248	129	361

See footnotes at end of table.

Trade with the United States—Continued

Commodity	Quantity: 1939 April-December	Quantity: 1940	Quantity: 1945	Quantity: 1946	Value (thousands of dollars): 1939 April-December	Value: 1940	Value: 1945	Value: 1946
Imports for consumption from the United States—Continued								
Motortrucks........number..	478	2,072	162	296	751	1,705	340	773
Passenger cars..........do....	263	579	143	392	408	913	280	767
Passenger airplanes.....do....	----------	----------	5	15	----------	----------	540	1,785
Ships..........................	----------	----------	----------	----------	----------	----------	----------	1
Coal-tar products....1,000 lb..	(4)	2,266	18,919	102,461	62	325	496	2,339
Paints, varnishes, dyes.do....	(4)	1,026	1,356	5,568	100	141	93	401
Fertilizers, nitrogenous long tons..	12,084	12	1,134	1,010	488	1	176	101
Films..............1,000 lb..	3	3	----------	----------	12	18	636	1,059
Monopolized goods:								
Petroleum and products:								
Gasoline.......1,000 bbl..	2,020	----------	----------	655	5,300	----------	----------	2,387
Kerosene..............do....	23	----------	----------	60	57	----------	----------	224
Gas oils...............do....	568	----------	----------	237	1,313	----------	----------	791
Lubricating oils 1,000 bbl..	165	----------	109	318	851	----------	1,648	2,409
Fuel oil..............do....	806	----------	----------	130	1,394	----------	----------	285
Paraffin........1,000 lb..	11,430	----------	884	368	487	----------	90	31
Asphalt......long tons..	----------	----------	13,586	25,108	----------	----------	645	1,228
Petroleum jelly 1,000 lb..	----------	----------	1,172	1,896	----------	----------	97	139
Crude, heavy 1,000 bbl..	----------	----------	----------	(3)	----------	----------	----------	2
Tobacco, unmanufactured.........1,000 lb..	----------	(5)	626	1,375	----------	(5)	420	1,088
Cigarettes..........do....	----------	(5)	275	1,362	----------	(5)	150	633
Other merchandise..................	----------	----------	----------	----------	1,071	2,757	2,329	4,845
Bullion and specie[6]..................	----------	----------	----------	----------	----------	----------	----------	4
Exports of Spanish products to the United States, total	----------	----------	----------	----------	**7,943**	**15,224**	**58,013**	48,061
Fish, canned..........1,000 lb..	2,470	1,670	2,758	1,301	250	178	1,009	410
Sheep skins, untanned do....	(1)	121	490	481	(1)	65	465	548
Rabbit and hare furs, undressed..............1,000 lb..	(1)	345	366	698	(1)	64	270	399
Vegetables, canned..........do....	10,039	312	315	247	1,188	33	71	82
Olives, green or in brine 1,000 lb..	11,080	20,395	14,363	12,524	1,297	1,726	2,939	3,369
Lemons......................do....	(1)	1	12,197	----------	(1)	(2)	629	----------
Fruits, canned..............do....	2,789	23,264	40,538	45,572	497	4,455	12,103	16,386
Almonds, shelled..........do....	368	1,171	19,717	4,056	102	285	9,850	1,995
Filberts, shelled..........do....	1,080	432	296	130	197	81	136	60
Olive oil......................do....	5,043	5,754	9,280	8,489	851	908	5,356	4,788
Paprika, ground or unground...............1,000 lb..	568	2,213	2,940	4,586	112	606	980	1,516
Distilled liquors.....1,000 gal..	(4)	59	123	162	15	184	879	1,026
Cognac....................do....	----------	56	79	140	(1)	165	463	755
Wines........................do....	224	636	485	1,288	460	1,147	1,386	4,257
Sherry....................do....	224	593	266	949	460	1,066	796	4,023
Vegetable products used in medicine, crude....1,000 lb..	(1)	1,235	2,404	504	(1)	177	395	105
Essences, non-alcoholic.do....	(5)	378	538	483	(5)	370	788	739
Cotton fabrics..............do....	(5)	----------	2,234	1,369	(5)	----------	2,270	1,305
Blankets, wool or hair..do....	----------	----------	----------	2,352	----------	----------	----------	3,379
Fine wood, unworked...do....	(5)	110	1,774	1,111	(5)	15	858	491
Cork and manufactures 1,000 lb..	23,788	58,957	56,569	45,985	847	2,010	2,721	3,814
Sheets and plates....do....	17,654	45,558	27,205	23,591	631	1,313	945	1,045
Stoppers..................do....	(1)	332	398	619	(1)	192	385	740
Iron pyrites..1,000 long tons..	176	306	44	61	550	828	112	142
Imitation pearls, synthetic stones and manufactures lb..	(5)	----------	48,545	45,128	(5)	----------	425	486
Mercury..........1,000 lb..	359	----------	2,588	418	413	----------	6,367	353
Tartaric acids and salts; wine lees..................1,000 lb..	(1)	3,794	4,735	297	(1)	372	2,174	170
Other merchandise..................	----------	----------	----------	----------	1,164	1,720	5,830	2,241
Bullion and specie[6]..................	----------	----------	----------	----------	----------	----------	----------	4,105

[1] Not reported in source
[2] Less than $500.
[3] Less than one-half the unit.
[4] Reported in value only.
[5] Not shown separately.
[6] Excluded from totals.

FINANCE

Government Receipts and Expenditures, Budgetary Estimates [1] (Millions of Pesetas)

Item	1946	1947	1948	Item	1946	1947	1948
Receipts				Expenditures			
Direct taxes	4,434.5	5,287.3	5,693.4	Debt service	1,952.4	2,147.4	2,293.6
Indirect taxes[2]	4,373.3	4,889.7	6,163.2	National defense	2,997.4	4,841.7	5,104.8
Monopolies and utilities	1,513.9	1,800.7	2,272.4	Public instruction	876.8	955.0	1,081.3
				Public works	1,042.0	1,153.3	1,294.4
State domain	160.7	90.7	90.9	Collection of revenue	167.3	170.4	196.2
Treasury operations	645.6	895.1	895.1	All other	4,286.3	4,955.4	5,226.7
Total	11,128.0	12,963.5	15,115.0	Total, ordinary budget	11,322.2	14,223.2	15,196.0
				Extraordinary budget	1,917.0		

[1] Do not include supplementary and extraordinary increases authorized during the fiscal years indicated.
[2] Includes import duties.

Public debt (millions of pesetas): 1946, 49,319; 1945, 43,978; 1936, 21,851; 1935, 21,608; 1934, 21,166.

Position of Bank of Spain (millions of pesetas), December 31, 1946 (December 31, 1945 in parentheses): Notes, 22,777.3 (18,960.5); gold reserve, 1,213.5 (1,201.0); silver reserve, 515.5 (597.3).

Average Exchange Rate of the Spanish Peseta

NOTE.—Rates 1920–41, inclusive, are averages of certified noon buying rates in New York for cable transfers; beginning with 1942, they represent the official buying rate of the Spanish foreign Exchange Institute, Madrid.

Year	Rate	Year	Rate	Year	Rate
1920	$0.1594	1930	$0.1167	1940	$0.0932
1921	.1353	1931	.0954	1941	[1] .0913
1922	.1548	1932	.0804	1942	.0913
1923	.1445	1933	.1072	1943	.0913
1924	.1334	1934	.1362	1944	.0913
1925	.1434	1935	.1368	1945	[2] .0913
1926	.1490	1936	.1231	1946	.0913
1927	.1760	1937	.0605	1947	[2] .0913
1928	.1659	1938	.0560	1948	[2] .0913
1929	.1468	1939	.1063		

[1] Average of daily rates for that part of year during which quotations were available.
[2] A preferential rate of $0.0609 for tourists, etc., has been in effect since August 25, 1946.

PRINCIPAL SOURCES

Anuario Estadístico.
La Renta Nacional de Espana, Vol. 2.
Resumen Mensual de la Estadística del Comercio Exterior de Espana.
Estadística del Comercio Exterior de Espana.

SWEDEN

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 173,423 square miles (land area, 158,486). Total population, 1947 census, 6,842,046 (1940 census, 6,371,432). Urban population, December 31, 1947, 3,014,489 (44.1 percent of total). Cities, December 31, 1947: Stockholm, 703,279 (1940, 590,503; 1930, 502,213); Göteborg, 333,279; Malmö, 181,280; Norrköping, 81,902; Hälsingborg, 70,034.

Population by occupation as of December 31, 1945: Agriculture, 1,867,190; industry, 2,509,635; communications, 524,943; commerce, 781,233; Government service and liberal professions, 593,070.

Education.—Children of school age, June 30, 1945 (7 to 14 years), 664,776; attending school, 575,702; state high schools, fall 1947, 68,453; universities, fall 1947, 9,325. School attendance compulsory; practically no illiteracy.

AGRICULTURE

Land distribution (thousand acres), 1947: Arable, 9,197; meadows and pastures, 2,328; woods and forests, 55,027; other, 34,877; total land area, 101,429.

Livestock, July 1, 1947, with 1946 figures in parentheses: Cattle, 2,796,637 (2,869,429) horses, 550,952 (592,782); swine, 1,188,892 (1,165,234); sheep, 420,774 (482,013); goats, 21,330 (27,946).

Value of field crops, 1940 with 1939 figures in parentheses (thousand crowns): 1,738,233 (1,213,984). Value of individual crops, 1940 (thousand crowns): Wheat, 109,786; rye, 68,119; oats, 214,926; potatoes, 199,933; hay, 649,235.

Fish catch 1946 (1945 figures in parentheses): Total value, 92,713,000 crowns (113,435,000); herring, 76,993,000 (75,748,000); cod, 9,197,000 (11,519,000).

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units—bushels except as indicated)				
	1937	1938	1943	1946	1947	1937	1938	1943	1946	1947
Wheat	734	759	664	748	723	25, 720	30, 184	19, 261	25, 017	14, 662
Rye	524	498	543	387	285	16, 250	15, 933	15, 934	11, 384	5, 614
Barley	255	272	280	221	247	9, 489	12, 241	10, 684	8, 394	8, 082
Oats	1, 641	1, 647	1, 420	1, 313	1, 308	87, 172	95, 127	58, 581	53, 927	46, 722
Mixed grain	625	639	684	685	711	[1] 554	[1] 664	[1] 495	[1] 515	[1] 432
Potatoes	333	338	364	354	352	69, 338	68, 803	79, 774	71, 320	64, 604
Sugar beets	136	125	124	135	119	[1] 2, 077	[1] 1, 833	[1] 1, 868	[1] 1, 776	[1] 1, 493
Hay, sown	4, 144	4, 176	4, 116	3, 921	3, 932	[1] 5, 491	[1] 5, 339	[1] 4, 273	[1] 5, 715	[1] 3, 644
Forage roots	166	163	160	162	151	[1] 2, 659	[1] 2, 568	[1] 2, 267	[1] 2, 128	[1] 1, 695

[1] Unit, metric ton.

MINING AND MANUFACTURING

Electric power.—Production of electricity: 1947 with 1946 figures in parentheses, 13,459 million kilowatt-hours (14,197 million), of which 11,860 million (13,523 million) hydroelectric power. Utilization in million kilowatt hours: 1947, large industries, 5,472; electrochemical industries, 1,846; railroads and streetcars, 1,223; domestic users, 2,713. Hydroelectric power installed during 1947, 128,000 kilowatts.

Unemployment.—1947, 2,694; 1946, 4,833; 1938, 16,189.

Industrial production.—Index (1935 = 100): 1947, 130; 1946, 128; 1945, 106; 1944, 109; 1943, 133.

Output of Major Industrial Products

Product	1937	1938	1943	1945	1946[1]	1947[1]
Iron ore........1,000 metric tons..	14, 953	13, 928	10, 820	3, 930	6, 867	8, 894
Pig iron........metric tons..	647, 593	667, 909	792, 359	761, 357	686, 462	697, 850
Steel ingots........do....	1, 105, 602	972, 021	1, 213, 997	1, 203, 447	1, 202, 769	1, 190, 514
Pyrites........do....	172, 968	186, 390	325, 119	261, 984	280, 208	309, 736
Coal........do....	460, 465	431, 030	557, 513	615, 336	448, 177	415, 783
Cement........do....	875, 541	992, 932	922, 734	1, 213, 513	1, 461, 726	1, 550, 104
Sawn lumber........1,000 cu ft..	149, 077	123, 845	108, 243	105, 517	118, 123	----------
Planed lumber........do....	68, 391	64, 365	41, 406	58, 795	62, 292	----------
Paper board and paper......metric tons..	978, 348	773, 998	610, 216	780, 192	1, 015, 826	1, 060, 146
Flour mill products........do....	651, 070	639, 759	668, 132	740, 175	645, 758	----------
Mineral waters........1,000 gal..	17, 311	19, 369	20, 193	28, 946	30, 254	----------
Cigars[2]........thousands..	220, 239	221, 456	180, 870	189, 796	173, 875	174, 552
Margarine........metric tons..	59, 541	58, 955	36, 779	48, 567	24, 835	33, 508
Cotton yarn........do....	28, 681	27, 537	19, 257	24, 197	21, 679	20, 437
Wool yarn........do....	14, 043	10, 540	10, 778	14, 056	14, 462	14, 331
Cotton piece goods........do....	20, 100	19, 874	13, 672	16, 539	16, 147	15, 234
Wool piece goods........do....	11, 620	9, 540	9, 452	11, 081	11, 227	11, 308
Matches........do....	20, 464	20, 821	3, 998	9, 754	13, 876	16, 792
Chocolate and candy........do....	36, 765	40, 854	52, 387	66, 134	69, 578	----------
Sulfuric acid........do....	162, 723	167, 112	185, 048	229, 301	261, 658	----------
Superphosphate........do....	241, 297	260, 390	223, 484	302, 751	337, 722	300, 619
Wood pulp:[3]						
Sulfate pulp........do....	1, 153, 592	959, 232	383, 303	586, 173	813, 471	873, 615
Sulfite pulp........do....	1, 636, 161	1, 417, 289	541, 165	892, 721	1, 232, 208	1, 301, 877
Mechanical pulp........do....	733, 699	684, 073	234, 523	519, 729	677, 960	638, 867

[1] Preliminary. [2] Includes cigar-cigarettes. [3] Dry-weight basis.

Industrial Statistics

Industry	Number of employees[1]			Horsepower utilized (thousands)			Value of products (1,000 crowns)		
	1938	1945	1946	1938	1945	1946	1938	1945	1946
Total........	**542, 848**	**639, 432**	**664, 012**	**2, 782. 5**	**3, 785. 2**	**3, 972. 3**	**7, 401, 664**	**13, 548, 663**	**16, 314, 660**
Mines and metals........	200, 114	250, 039	263, 183	882. 1	1, 385. 5	1, 442. 9	2, 575, 144	3, 742, 263	5, 246, 932
Nonmetallic minerals........	40, 471	52, 924	50, 697	143. 8	232. 8	250. 3	239, 850	528, 160	577, 311
Wood and manufactures........	64, 395	69, 083	73, 371	330. 3	418. 7	446. 2	523, 644	977, 826	1, 202, 970
Paper and printing........	59, 881	63, 008	67, 034	877. 5	931. 7	986. 9	906, 742	1, 345, 141	1, 817, 312
Foodstuffs........	49, 377	55, 094	56, 896	262. 8	364. 3	376. 3	1, 618, 767	3, 592, 349	3, 793, 517
Textiles and clothing........	80, 457	86, 996	89, 804	129. 9	179. 2	187. 1	696, 934	1, 433, 808	1, 614, 516
Leather and rubber........	24, 623	27, 318	29, 917	36. 7	63. 5	68. 5	243, 612	520, 963	620, 363
Chemicals........	15, 028	22, 605	20, 767	70. 0	139. 6	142. 7	322, 750	851, 687	847, 254
Gas and electric plants........	8, 502	12, 365	12, 343	49. 3	70. 0	71. 4	274, 220	556, 466	594, 485

[1] Excluding administrative personnel, which totaled 75,577 in 1938, 119,407 in 1945, and 127,403 in 1946.

TRANSPORTATION AND COMMUNICATION

Statistics of Railways (State and Private) Years ended December 31

NOTE.—Of the total 10,492 mileage for 1938, 5,529 were private lines and 4,963 were state, and of the total 10,385 mileage for 1947, 2,606 were private and 7,779 were state.

Item	1937	1938	1945	1946	1947[1]
Length of line, average........miles..	10, 307	10, 373	10, 321	10, 412	10, 559
Locomotives[2]........number..	2, 017	1, 980	1, 995	1, 996	----------
Passenger cars........do....	3, 981	4, 011	[3] 4, 322	[3] 4, 409	----------
Freight cars........do....	48, 351	47, 682	52, 214	52, 393	----------
Train miles, total........thousands..	58, 555	60, 561	70, 074	76, 363	----------
Freight train miles........do....	17, 866	17, 601	[4] 17, 895	[4] 19, 900	[4] 21, 700
Passengers carried........do....	79, 933	81, 729	154, 293	154, 145	----------
Passenger-miles........millions..	1, 928	2, 026	4, 002	3, 980	3, 600
Freight carried........1,000 metric tons..	46, 067	41, 204	43, 674	47, 486	[5] 44, 076
Metric ton-miles........millions..	3, 484	3, 235	4, 347	5, 026	4, 340
Gross receipts[6]........1,000 crowns..	373, 534	377, 441	705, 478	742, 473	747, 491
Passenger service........do....	120, 468	125, 867	278, 982	271, 802	282, 090
Freight service........do....	230, 713	228, 368	395, 413	337, 929	435, 407

[1] Preliminary figures.
[2] Does not include internal combustion engine locomotives. In 1945 there were 223 and in 1946, 227.
[3] Includes postal cars.
[4] State railways only.
[5] Does not include live animals, of which there were 268,250 in number.
[6] Including miscellaneous operating receipts not shown separately.

Civil aviation.—1947, with 1946 data in parentheses: Miles flown, 12,055,160 (7,642,559); passengers as recorded at main airdromes, 329,839 (347,649); hours flown, 91,820 (58,857).

Merchant Marine (Vessels of 20 Tons or Over), Years Ended December 31

Item	1937	1938	1942	1943	1944	1945	1946	1947
Vessels ... number	2, 265	2, 259	2, 089	2, 076	2, 092	2, 076	2, 073	2, 124
Capacity ... gross tons	1, 574, 230	1, 605, 092	1, 396, 999	1, 420, 608	1, 557, 133	1, 600, 172	1, 734, 137	1, 907, 149
Steam power ... do	888, 487	770, 290	599, 854	564, 738	555, 171	549, 961	585, 106	634, 561
Motor power ... do	602, 124	649, 685	714, 777	774, 576	921, 253	969, 802	1, 071, 869	1, 196, 734

Entrances and Clearances of Vessels by Flag and Port (International Navigation), Capacity, 1,000 Net Registered Tons [1]

Country of flag	1937	1938	1945	1946	Port	1937	1938	1945	1946
Sweden	20, 050	19, 299	5, 507	13, 549	Göteborg	9, 991	10, 200	3, 174	7, 961
United States	525	520	336	1, 110	Malmö	5, 632	5, 588	1, 072	3, 277
United Kingdom	1, 929	1, 888	170	864	Stockholm	4, 969	5, 270	1, 485	2, 971
Denmark and Iceland	8, 877	9, 336	1, 980	4, 785	Hälsingborg	8, 595	6, 067	1, 143	2, 937
Germany	7, 557	7, 115	53	(2)	Trelleborg	4, 866	4, 972	288	389
Norway	3, 354	3, 354	520	1, 406	Luleå	2, 863	2, 470	134	814
Netherlands	999	951	249	319	Norrköping	696	1, 388	114	232
Finland	1, 812	2, 012	569	696					
Others	2, 273	2, 167	115	498					
Total	47, 376	46, 573	9, 500	23, 226					

[1] Figures include ships of 10 tons or over.
[2] 44 net tons.

Statistics of Posts, Telegraphs, and Telephones

Item	1937	1938	1945	1946
Postal service:				
Number of offices	4, 050	4, 105	4, 315	4, 337
Pieces of mail ... thousands	937, 277	996, 094	1, 229, 513	1, 416, 045
Gross receipts ... 1,000 crowns	95, 012	99, 249	188, 476	199, 647
Telegraphs:[1]				
Length of line ... miles	8, 794	6, 463	2, 693	2, 544
Messages sent ... thousands	3, 728	3, 824	[2] 9, 012	[2] 10, 696
Gross receipts ... 1,000 crowns	7, 764	8, 650	22, 052	[3] 26, 759
Telephones:[1]				
Length of wire ... miles	904, 984	990, 646	1, 515, 978	1, 628, 791
Number of instruments	724, 595	787, 411	1, 221, 153	1, 314, 117
Gross receipts ... 1,000 crowns	112, 239	119, 687	219, 963	[3] 251, 001

[1] Belonging to Swedish Telegraph Administration.
[2] Includes radiotelegrams and telegrams in transit, year 1946-47.
[3] 1946-47.

FOREIGN TRADE

Per capita trade.—1947: Imports, $212.00; exports, $131.55.

Basis of trade statistics.—The trade statistics shown in the following tables represent imports for consumption and exports of Swedish products. Import and export values are as declared by merchants except for a few based on officially estimated unit prices. Imports c. i. f. and exports f. o. b., port or frontier. Gold and silver bullion and coin are not included in general totals.

Foreign trade values were converted from Swedish crowns to United States dollars at the annual average exchange rates quoted in the table on page 173.

Value of Imports and Exports

Year	Thousands of crowns		Thousands of dollars		Year	Thousands of crowns		Thousands of dollars	
	Imports	Exports	Imports	Exports		Imports	Exports	Imports	Exports
1935	1,476,316	1,297,448	372,327	327,216	1942	1,780,244	1,318,826	423,876	314,012
1936	1,632,669	1,514,225	417,637	387,339	1943	1,814,168	1,172,290	431,953	279,122
1937	2,123,456	2,000,383	539,995	508,697	1944	1,677,382	853,396	399,385	203,194
1938	2,081,766	1,843,288	523,356	463,403	1945	1,084,341	1,758,073	258,182	418,597
1939	2,498,685	1,888,634	599,435	453,083	1946	3,385,598	2,546,732	863,666	649,671
1940	2,004,462	1,327,539	477,262	316,087	1947	[1] 5,221,545	[1] 3,239,762	1,450,545	900,006
1941	1,674,142	1,345,221	398,613	320,297					

[1] Preliminary figures.

Trade with Principal Countries (Thousands of Dollars)

Country of origin or ultimate consumption	Imports for consumption				Exports of Swedish products			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**539,995**	**523,356**	**863,666**	**[1] 1,437,673**	**508,697**	**463,403**	**649,671**	**[1] 894,611**
United States	74,764	84,605	204,246	453,193	55,858	41,515	47,078	96,707
Argentina	17,020	13,340	55,028	60,266	7,942	8,704	32,711	53,131
Brazil	9,622	8,635	31,106	34,012	4,448	4,316	18,739	27,852
Chile	8,434	7,421	9,488	10,103	982	1,445	4,641	6,039
Colombia	1,023	1,019	2,972	3,526	811	872	5,023	6,877
Cuba	526	650	563	1,064	611	854	4,544	4,372
Belgium	21,774	17,917	36,010	75,991	18,723	13,836	41,316	59,194
Norway	17,824	18,316	30,412	[2] 43,753	35,063	30,597	47,015	[2] 67,783
Denmark	17,483	17,140	29,855	[3] 42,965	20,503	21,499	36,621	[3] 37,657
Poland	20,707	18,076	31,644	43,972	9,670	8,944	21,001	27,471
Germany	111,089	114,110	9,713	29,497	79,742	84,187	4,784	5,384
Austria	3,658	(4)	835	3,806	2,105	(4)	487	1,579
Netherlands	18,896	20,373	24,366	47,726	14,741	16,006	44,508	53,949
United Kingdom	72,208	63,697	86,818	122,420	114,884	108,018	99,513	136,161
France	16,644	15,941	28,961	52,320	23,252	15,012	40,840	51,018
Switzerland	6,971	9,180	58,623	57,782	3,441	3,241	26,336	29,468
Czechoslovakia	13,672	11,578	19,638	43,503	9,051	9,251	16,223	25,017
Finland	5,798	5,328	14,336	18,408	22,196	21,709	16,223	15,709
Italy	6,586	7,787	25,720	57,042	8,978	9,513	17,504	25,623
Spain	1,892	634	14,040	10,898	1,402	1,027	9,983	8,740
Turkey	1,972	1,540	10,715	8,520	1,824	1,700	7,877	7,880
U. S. S. R.	4,825	3,519	4,888	9,798	3,111	4,429	3,699	11,339
Union of South Africa	[5] 1,500	[5] 1,993	6,331	4,079	[5] 8,060	[5] 6,733	17,538	20,780
China	[6] 8,041	[6] 7,804	2,506	6,787	[6] 3,918	[6] 2,012	7,074	6,316
Japan	4,377	3,929	54	2,759	12,170	6,600	----------	161
Australia	2,987	2,893	7,137	9,105	5,438	4,412	3,327	10,442
Other countries	69,702	65,931	117,661	184,378	39,773	36,971	75,066	97,962
Percent of total:								
United States	13.8	16.2	23.6	31.5	11.0	9.0	7.2	10.8
Argentina	3.2	2.5	6.4	4.2	1.6	1.9	5.0	5.9
Belgium	4.0	3.4	4.2	5.3	3.7	3.0	6.4	6.6
Denmark	3.2	3.3	3.5	3.0	4.0	4.6	5.6	4.2
France	3.1	3.0	3.4	3.6	4.6	3.2	6.3	5.7
Germany and Austria	21.2	21.8	1.2	2.3	16.1	18.2	0.8	0.8
United Kingdom	13.4	12.2	10.1	8.5	22.5	23.3	15.3	15.2
Italy	1.2	1.5	3.0	4.0	1.8	2.1	2.7	2.9
Netherlands	3.5	3.9	2.8	3.3	2.9	3.5	6.9	6.0
Norway	3.3	3.5	3.5	3.0	6.9	6.6	7.2	7.6
Switzerland	1.3	1.8	6.8	4.0	0.7	0.7	4.1	3.3

[1] Preliminary figures, taken from Kommersiella Meddelanden, February 1948. May differ slightly from totals shown in commodity tables, which were taken from Sveriges Varuutförsel Till Olika Lander and Sveriges Varuinförsel Från Olika Länder (preliminary annual source).
[2] Includes Spitzbergen.
[3] Includes Faroe Islands.
[4] Included with Germany.
[5] British South Africa.
[6] Includes Manchuria.

Imports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption total, excluding bullion and coin					539, 995	523, 356	863, 666	[1] 1, 450, 545
Beef, fresh......1,000 lb..	2, 805	2, 554	19, 133	12, 052	282	264	3, 782	2, 576
Pork, salt......do..	3, 631	4, 271	114	1, 333	472	521	23	479
Eggs......1,000 doz..	1, 682	49	6, 263	2, 444	353	10	3, 031	1, 499
Fish and shellfish....1,000 lb..	112, 758	111, 114	64, 126	71, 001	6, 157	5, 942	9, 309	10, 232
Cattle hides, calfskins..do....	34, 272	38, 596	28, 423	18, 902	5, 249	4, 694	6, 080	6, 421
Leather......do....	2, 706	2, 641	1, 645	3, 137	4, 126	3, 712	4, 545	8, 864
Furs and manufactures..do....	712	674	4, 442	4, 208	2, 842	2, 768	9, 990	14, 435
Wheat......1,000 bu..	1, 850	1, 997	1, 337	2, 985	2, 664	2, 475	2, 854	11, 144
Corn......do....	7, 293	6, 775	3, 368	1, 595	5, 302	5, 378	6, 475	3, 562
Fruits and nuts......1,000 lb..	224, 873	268, 101	450, 617	351, 191	14, 253	16, 403	56, 118	49, 388
Coffee, green......do....	104, 265	116, 095	108, 572	102, 930	11, 618	10, 646	21, 175	27, 239
Beverages......	......	......	......	......	4, 400	4, 774	8, 364	10, 279
Bran and fodder....long tons..	117, 116	108, 068	114, 615	211, 401	4, 046	3, 572	8, 681	18, 396
Oil cake......do....	159, 836	198, 621	74, 229	93, 015	5, 647	6, 580	6, 231	11, 541
Vegetable oils and fats 1,000 lb..	72, 131	99, 500	22, 501	42, 155	4, 914	4, 646	4, 096	13, 822
Soybeans......do....	257, 981	320, 764	(3)	9, 469	5, 048	5, 685	(3)	862
Oilseeds, other......do....	195, 526	212, 246	93, 390	56, 389	6, 077	5, 414	6, 509	5, 781
Rubber and manufactures 1,000 lb..	27, 425	30, 644	48, 312	69, 765	7, 097	6, 791	19, 338	31, 108
Drugs......do....	975	1, 279	1, 063	1, 771	1, 511	1, 887	3, 580	5, 705
Tobacco leaf......do....	15, 839	12, 242	10, 870	18, 433	6, 892	4, 403	7, 127	13, 021
Cigarettes......thousands..	161, 605	239, 110	980, 403	1, 349, 474	317	425	2, 640	3, 905
Cotton, raw......1,000 lb..	75, 070	80, 351	41, 291	38, 479	11, 059	8, 538	10, 087	12, 024
Wool, sheep......do....	20, 019	20, 670	42, 369	37, 488	8, 094	6, 663	20, 969	23, 917
Rayon yarn......do....	4, 461	3, 989	5, 645	8, 462	2, 494	2, 107	6, 971	11, 703
Cotton yarn and thread..do....	10, 423	8, 469	6, 326	14, 855	5, 875	4, 982	6, 421	17, 279
Wool yarn......do....	7, 781	7, 374	6, 981	10, 624	6, 925	5, 796	13, 237	23, 283
Cotton fabrics......do....	12, 214	12, 103	14, 362	34, 541	7, 656	7, 151	15, 223	49, 517
Wool fabrics......do....	4, 922	5, 019	5, 346	11, 603	6, 792	6, 756	14, 432	38, 197
Silk and rayon fabrics..do....	1, 173	1, 274	3, 044	3, 184	3, 194	3, 252	13, 198	15, 988
Floor covering......do....	21, 296	18, 482	10, 700	15, 875	4, 167	3, 546	7, 830	15, 118
Knit goods......do....	2, 462	2, 174	1, 758	6, 467	3, 652	3, 511	10, 500	33, 012
Clothing and sewn articles 1,000 lb..	1, 155	1, 069	758	2, 607	4, 512	4, 188	3, 411	8, 244
Hats......thousands..	2, 117	2, 327	2, 322	2, 147	2, 246	2, 320	6, 182	5, 533
Wood and wood manufactures:								
Pulpwood......cords..	80, 562	75, 590	35, 637	62, 500	1, 028	1, 155	864	2, 234
Other......	......	......	......	......	5, 002	5, 021	9, 195	15, 578
Paper......1,000 lb..	16, 035	13, 605	7, 278	10, 928	1, 794	1, 693	1, 848	2, 815
Coal......1,000 short tons..	7, 282	6, 364	2, 693	4, 586	36, 225	32, 207	33, 314	74, 754
Coke......do....	2, 570	2, 138	1, 115	996	19, 159	16, 041	19, 513	20, 514
Gasoline......1,000 bbl..	5, 650	6, 229	5, 146	7, 632	13, 247	14, 062	14, 049	24, 221
Gas and fuel oil....long tons..	442, 825	508, 721	718, 250	1, 735, 570	6, 225	7, 178	14, 695	42, 099
Lubricating oil......do....	56, 221	61, 393	68, 488	68, 812	3, 763	4, 037	6, 824	8, 309
Mineral oils, other......do....	191, 179	212, 356	585, 793	611, 539	3, 413	3, 797	10, 601	13, 089
Ores......1,000 lb..	651, 047	678, 424	399, 928	404, 937	6, 555	8, 363	5, 753	8, 456
Iron and steel:								
Old and scrap..short tons..	106, 545	26, 267	77, 500	72, 078	2, 435	380	1, 799	2, 106
Pig iron......do....	209, 564	83, 422	100, 379	155, 239	5, 444	1, 812	5, 141	8, 890
Structural shapes..do....	176, 591	124, 026	123, 475	132, 039	6, 078	4, 830	9, 487	12, 019
Sheets and plates....do....	195, 077	124, 506	210, 233	247, 252	10, 666	7, 485	17, 815	25, 923
Other kinds......do....	369, 430	220, 064	248, 037	438, 998	26, 310	19, 977	29, 795	75, 276
Nonferrous metals:								
Copper......1,000 lb..	104, 632	114, 628	113, 507	120, 127	12, 671	11, 511	15, 607	24, 048
Tin......do....	4, 259	6, 462	1, 492	3, 388	2, 278	2, 660	1, 002	2, 479
Zinc......do....	35, 131	47, 948	55, 512	43, 027	1, 790	1, 698	5, 315	5, 001
Other crude......do....	61, 572	79, 911	83, 022	83, 140	6, 955	7, 907	13, 523	15, 078
Wire insulated......do....	13, 733	13, 708	5, 567	31, 688	1, 999	2, 233	2, 383	11, 673
Manufactures, other do....	34, 942	31, 090	53, 588	74, 199	7, 243	6, 394	12, 810	23, 269
Machinery, electrical..do....	7, 621	8, 306	3, 453	16, 289	3, 678	4, 315	3, 838	18, 675
Machinery and apparatus nonelectrical......1,000 lb..	101, 817	109, 220	69, 679	151, 276	26, 445	30, 419	36, 337	78, 753
Machinery and electrical material, miscellaneous 1,000 lb..	31, 349	31, 390	18, 229	46, 033	12, 963	13, 109	13, 070	28, 353
Automobiles:								
Cars and chassis number..	22, 763	28, 238	12, 841	19, 871	14, 125	16, 585	13, 827	26, 875
Parts for assembling 1,000 lb..	39, 734	50, 276	16, 873	66, 851	6, 720	9, 489	4, 965	22, [illegible]

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Aircraft with motor..number..	40	78	168	211	588	3,458	5,991	4,345
Ships and boats..........do.....	1,318	1,637	513	914	1,513	1,421	3,635	14,238
Phosphate rock.....long tons..	148,890	196,322	178,581	186,786	1,532	2,111	3,423	3,512
Sulfur.....................do.....	83,009	47,309	49,654	54,458	1,810	1,095	1,769	2,114
Salt, common........1,000 lb..	460,450	525,603	545,818	651,033	1,623	1,715	4,479	5,214
Sodium sulfate...........do.....	383,713	295,687	73,353	192,748	1,917	1,752	839	4,072
Other chemicals, crude..do.....	506,865	505,570	306,541	383,361	12,027	12,781	21,385	24,093
Fertilizers.................do.....	585,700	624,019	552,570	518,268	7,305	8,256	12,239	11,526
Paint and varnishes:								
Coal-tar dyes.........do.....	4,261	3,629	2,257	2,949	3,638	3,536	4,041	4,856
Earth and mineral..do.....	48,033	48,132	49,967	49,829	2,496	2,312	4,968	7,054
Films.......................do.....	435	494	571	787	1,200	1,318	1,738	2,281
Other merchandise............					94,202	93,443	177,380	270,651
Bullion and coin:								
Gold bullion 1,000 troy oz....	5	1,472	10	426	186	51,482	280	14,942
Silver bullion........do.....	1,654	2,009	3,952	1,949	706	820	3,375	1,529
Gold coin.........................					3	281	24	6
Silver coin........................					200	468	24	15
Other coin.........................					6	12	1	1

[1] Preliminary figures.
[2] Less than 500 pounds.
[3] Less than $500.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports of Swedish products, total, excluding bullion and coin	----	----	----	----	**508,697**	**463,403**	**649,671**	[1] 900,006
Horses, live ---- number	125	336	5,083	20,963	61	74	2,588	8,346
Pork ---- 1,000 lb	30,003	29,311	1	1	5,575	5,691	[2]	[2]
Milk, dried ---- do	482	----	6,856	8,238	25	----	2,553	3,199
Butter ---- do	51,885	62,953	4,156	1	11,495	13,937	2	1
Eggs ---- 1,000 doz	5,921	7,805	227	1	1,339	1,801	121	1
Fish and shellfish ---- 1,000 lb	60,799	61,437	80,708	44,363	2,276	2,426	7,907	6,973
Cattle hides and calfskins ---- 1,000 lb	25,103	26,843	24	102	4,192	3,394	11	131
Furs, raw and dressed ---- do	190	165	384	165	2,333	2,237	5,595	3,160
Wheat ---- 1,000 bu	1,080	1,437	159	617	1,445	1,954	418	1,494
Peas ---- do	225	139	619	113	409	220	1,973	483
Vegetable oils and fats ---- 1,000 lb	32,665	35,446	8,265	3,668	2,664	2,107	1,815	803
Fodder and feed ---- long tons	97,144	114,722	27,986	8,350	2,936	3,263	1,479	375
Woolen fabrics ---- 1,000 lb	1,852	1,584	831	529	2,411	2,029	1,523	1,153
Wood:								
Timber, rough ---- 1,000 cu. ft	17,647	23,160	17,240	13,726	2,466	3,359	5,727	5,931
Hewn or sawn ---- 1 mil. bd. ft	1,342	1,031	715	700	41,189	28,563	42,236	59,404
Boards, planed ---- do	309,813	267,667	63,574	86,543	12,130	9,441	4,583	7,494
Plywood ---- long tons	9,168	8,509	11,623	12,370	746	665	2,040	3,381
Box shooks ---- 1,000 bd. ft	129,343	104,650	49,081	74,559	5,906	4,803	5,289	9,008
Houses, prefabricated ---- short tons	----	----	78,747	19,296	----	----	9,108	3,067
Other	----	----	----	----	4,078	3,213	5,059	8,555
Wood pulp, dry ---- do	2,400	1,840	1,720	1,750	96,328	77,515	137,722	227,374
Wood pulp, wet ---- do	827	686	507	389	9,372	8,478	11,773	16,173
Rags ---- 1,000 lb	18,057	15,568	3,585	6,551	1,380	1,190	734	1,557
Newsprint ---- do	436,038	356,291	266,244	330,865	7,172	6,515	13,027	22,960
Wrapping paper ---- do	706,342	436,447	479,567	571,417	23,414	15,180	37,710	55,779
Cardboard ---- do	207,123	172,212	213,005	242,394	6,020	5,576	13,770	18,916
Other paper ---- do	114,970	80,174	190,902	238,692	5,299	4,030	19,931	31,102
Iron ore ---- 1,000 short tons	15,393	13,983	5,859	9,374	54,072	60,164	28,136	50,224
Other ores ---- do	264	171	266	228	2,853	2,839	5,278	6,415
Iron and steel including manufactures thereof:								
Pig iron ---- 1,000 short tons	99	104	18	18	3,196	4,147	1,285	1,426
Ferroalloys ---- 1,000 lb	77,366	64,074	8,287	15,508	7,939	7,106	1,765	5,070
Ball and roller bearings ---- 1,000 lb	22,861	24,805	14,866	14,055	11,131	13,006	17,088	17,762
Other ---- do	609,345	573,742	272,322	269,257	46,394	43,530	58,010	69,274
Copper, crude ---- do	13,289	18,544	404	5,912	1,775	1,806	67	1,221
Other nonferrous metals ---- 1,000 lb	64,937	69,724	29,049	35,540	11,471	9,975	10,417	14,905
Machinery, electric ---- do	42,079	40,260	48,398	28,975	14,268	15,553	25,942	31,159
Cream separators including emulsors, etc ---- 1,000 lb	9,439	7,081	4,935	4,468	4,517	3,478	4,869	4,668
Other machinery ---- do	115,463	94,997	97,674	103,274	25,948	25,437	49,894	61,007
Automobiles and chassis ---- number	4,434	4,604	2,837	3,424	4,622	4,599	6,192	9,928
Ships and boats ---- do	340	278	411	186	15,029	13,652	18,864	33,300
Arms, ammunition ---- 1,000 lb	3,602	4,832	1,433	3,737	6,623	9,769	2,627	8,906
Explosives ---- do	4,802	7,140	1,552	2,870	932	1,409	313	679
Matches ---- do	35,972	36,626	24,710	26,120	3,760	3,574	7,111	7,846
Other merchandise	----	----	----	----	41,506	35,698	77,119	79,416
Bullion and coin:								
Gold bullion ---- 1,000 troy oz	12	235	420	806	297	8,171	13,557	28,215
Silver bullion ---- do	596	575	313	248	244	230	249	197
Gold coin	----	----	----	----	21	1,701	----	17
Silver coin	----	----	----	----	20	48	2	7
Other	----	----	----	----	3	3	40	29

[1] Preliminary figures.
[2] Less than $500.

Trade with the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Imports for consumption from the United States, total	-----	-----	-----	-----	**74,764**	**84,605**	**204,246**	**453,193**
Sausage casings ... 1,000 lb	2,016	1,919	688	1,166	226	244	527	635
Tallow ... do	1,794	2,157	-----	-----	227	204	-----	-----
Fish and shellfish ... do	1,010	1,098	731	1,034	238	299	373	526
Eggs ... do	-----	-----	7,778	825	-----	-----	2,454	272
Horses, live ... number	108	62	16	23	106	82	66	132
Leather ... 1,000 lb	378	358	264	629	935	779	908	2,773
Oats ... 1,000 bu	-----	-----	239	794	-----	-----	281	1,119
Wheat ... do	268	464	-----	1,678	401	621	-----	4,542
Corn ... do	-----	2,053	-----	1	-----	1,611	-----	13
Cornflakes, etc. ... 1,000 lb	325	326	3,390	4,697	49	46	694	958
Fruits and nuts ... do	53,981	94,013	116,264	110,625	3,492	5,402	15,354	17,115
Tobacco leaf ... do	8,540	8,044	8,932	15,612	2,739	2,400	5,560	10,646
Cigarettes ... thousands	98,880	165,267	904,849	1,306,719	188	280	2,353	3,706
Cotton, raw ... 1,000 lb	60,640	68,733	3,797	13,073	8,819	7,121	1,080	4,389
Wool, combed ... do	-----	-----	355	1,196	-----	-----	415	1,687
Cotton yarn ... do	[2]	[2]	1,151	7,389	[2]	[2]	829	7,582
Felt, waterproof:								
For technical purposes 1,000 lb	102	123	1,745	854	44	53	958	626
Other ... do	251	290	2,939	2,273	122	139	2,182	2,086
Cotton fabrics ... do	65	112	4,726	13,933	35	42	3,853	17,463
Wool fabrics ... do	6	6	331	1,466	11	11	605	3,719
Elastic ribbon and cords 1,000 lb	[2]	2	507	249	1	3	1,737	701
Woolen stockings ... do	1	-----	269	600	1	-----	797	1,989
Other knit goods ... do	16	18	335	2,832	80	86	1,571	17,077
Textiles, other	-----	-----	-----	16,490	885	980	4,343	15,571
Rubber and manufactures:								
Automobile casings 1,000 lb	1,521	1,959	8,130	13,497	479	594	3,565	7,475
Other	-----	-----	-----	-----	646	623	8,341	9,627
Drugs ... 1,000 lb	69	154	649	1,483	64	119	1,309	5,051
Coal ... short tons	-----	-----	810,725	2,372,483	-----	-----	12,333	43,943
Coke ... do	-----	1,108	286,605	52,234	-----	20	7,027	1,200
Petroleum, crude ... long tons	39,091	33,677	8,839	-----	498	553	204	-----
Gasoline ... 1,000 bbl	950	2,324	1,387	1,751	3,218	7,055	5,121	7,634
Kerosene ... do	311	528	470	389	863	1,437	1,558	1,489
Gas and fuel oil ... long tons	203,337	257,194	225,573	375,646	2,671	3,086	5,055	9,812
Lubricating oil ... do	34,712	38,290	63,736	55,043	2,268	2,532	6,262	6,812
Paraffin ... 1,000 lb	8,624	10,361	9,869	13,538	304	313	764	1,422
Carbon and electrodes ... do	2,865	3,706	-----	8,400	258	326	-----	969
Ores ... long tons	179	708	705	411	183	1,184	737	555
Iron and steel	-----	-----	-----	-----	6,840	3,449	19,819	51,331
Nonferrous metals:								
Copper crude ... short tons	22,042	27,485	4,768	12,907	5,057	5,445	1,316	5,130
Other, crude ... do	803	1,208	1,910	3,404	196	269	628	1,160
Machinery, electrical	-----	-----	-----	-----	2,562	2,941	4,873	21,779
Tractors ... number	1,797	2,529	2,289	4,136	1,355	1,970	2,633	5,130
Machinery, other	-----	-----	-----	-----	4,692	5,709	12,235	38,105
Typewriters ... 1,000 lb	353	288	227	638	597	504	548	1,922
Automobiles:								
Cars and chassis ... number	8,809	6,489	5,206	6,094	6,806	5,546	6,371	10,588
Parts for replacement 1,000 lb	1,892	2,240	915	1,962	535	725	419	1,280
Parts for assembling do	33,473	45,045	13,689	62,791	5,187	8,285	4,008	20,815
Phosphate rock ... long tons	69,667	104,586	75,376	71,272	679	1,162	1,600	1,469
Sulfur ... do	27,543	19,563	12,936	10,321	621	462	495	416
Rosin (colophony) ... 1,000 lb	22,934	19,415	1,674	16,095	811	523	121	1,571
Films ... do	145	165	251	249	425	487	785	903
Other merchandise	-----	-----	-----	-----	8,350	8,883	49,179	80,278
Bullion and coin[3]:								
Gold bullion ... troy oz	26	20	8	5	1	1	[2]	[3]
Silver bullion 1,000 troy oz	-----	-----	1,113	431	-----	-----	930	284
Gold coin	-----	-----	-----	-----	-----	1	[2]	4
Silver coin	-----	-----	-----	-----	-----	-----	-----	5

See footnotes at end of table.

Trade with the United States by Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947[1]	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947[1]
Exports of Swedish products to the United States, total					**55,858**	**41,515**	**47,079**	96,707
Fish and shellfish...1,000 lb	4,573	4,080	21,193	1,551	277	259	2,143	498
Bread...do	1,867	1,873	------	------	228	226	------	------
Cattle hides, calfskins...do	702	2,620	------	66	127	377	------	111
Furs, undressed...do	52	31	119	28	190	65	2,033	493
Wood pulp:								
Mechanical:								
Dry...short tons	25,340	19,186	7,836	11,342	642	445	464	962
Wet...do	453	93	------	1,654	7	1	------	90
Chemical:								
Dry...short tons	938,561	707,815	331,748	508,906	38,424	29,742	27,281	69,849
Wet...do	8,616	6,563	4,799	3,268	181	155	229	240
Cardboard...1,000 lb	17,259	11,329	3,197	2,863	789	465	197	182
Newsprint...do	198,221	125,737	3,450	55,231	3,035	2,194	109	4,172
Wrapping paper...do	24,503	10,239	1,435	12,614	734	318	97	1,204
Iron ore...short tons	378,026	290,468	308,790	132,680	1,512	1,448	1,607	7,812
Iron and steel and manufactures...short tons	41,316	14,954	10,810	[4] 9,719	7,121	4,100	4,018	[4] 3,950
Machinery...1,000 lb	------	------	------	------	927	785	906	[5] 648
Chemicals, crude...do	------	------	------	3,979	383	332	268	338
Matches...do	2,337	2,485	------	------	149	156	------	------
Other merchandise	------	------	------	------	1,132	447	7,727	6,158
Bullion and coin[3]:								
Gold bullion...1,000 troy oz	------	219	------	800	------	7,679	------	27,994
Silver bullion	------	------	------	------	------	------	------	------
Gold coin	------	------	------	------	------	------	------	------
Silver coin	------	------	------	------	------	26	------	------

[1] Preliminary figures.
[2] Less than one-half the unit.
[3] Not included in totals.
[4] Ball bearings and roller bearings not included in 1947; included in 1937, 1938, and 1946.
[5] Cream separators, hand knitting machines, milking machines, and vacuum cleaners not included in 1947; included in 1937, 1938, and 1946.

FINANCE

Government Receipts and Expenditures (Thousands of Crowns)

[Fiscal years ended June 30.]

Item	1937-38 actual	1945-46 actual	1946-47 actual	1947-48 estimate
Ordinary receipts	**1,069,117**	**3,173,393**	**3,237,068**	3,862,869
Income and property tax	264,343	717,175	871,471	1,906,500
Stamp (including succession) taxes	70,519	110,129	132,095	125,000
Taxes on automobiles	117,124	83,204	202,824	245,000
Customs	179,823	151,489	295,842	233,000
Excises	308,381	1,320,697	1,346,521	1,081,000
Other taxes	2,313	580,710	174,529	14,700
Civil service fees, etc.	58,557	73,179	76,957	65,669
Old-age pension fund	53,919	66,738	67,017	100,000
All other ordinary	14,137	70,073	69,812	92,000
Capital receipts, including state enterprises	169,777	354,796	368,768	312,004
Ordinary expenditures	**1,092,118**	**3,036,586**	**3,080,369**	3,309,275
Debt service	88,236	271,791	310,856	311,000
National defense	172,211	823,018	729,128	798,646
Religion and education	195,579	329,467	384,420	439,680
Social welfare	269,877	565,656	557,975	688,096
Pensions	43,135	91,983	111,747	137,235
All other ordinary	323,080	954,672	986,242	934,617
Extraordinary expenditures, including state enterprises	134,297	292,064	74,608	97,317

Public debt.—Situation on December 31, 1947, with 1946 figures in parentheses (thousand crowns): Total, 11,287,204 (11,383,534), of which funded, 8,931,213 (9,335,652).

Private finance.—Number of bankruptcies, 1942 to 1947, consecutively: 900, 756, 744, 780, 744, 768. Protested notes in same sequence of years: Number, 16,140, 14,364, 16,788, 18,264, 22,080, and 28,464; value (thousand crowns), 8,520, 8,436, 9,996, 11,796, 18,144, and 25,368.

Currency and exchange.—Unit of currency, the krona (plural kronor), called, in English, the crown; parity in current dollars, according to announcement issued by the Swedish Riksbank on July 13, 1946, $0.2777. Gold payments suspended September 28, 1931. The krona was pegged to the United States dollar on August 28, 1939, at a selling rate of 4.20 kroner to $1. Beginning September 1939, the New York quotation of $35 for an ounce of fine gold (4,726.16 kroner a kilogram) was made the basis of the Stockholm gold price. Principal circulating medium, notes of Riksbank. Maximum note circulation cannot exceed twice the value of the gold fund plus 3,200 million kroner. Decree No. 895 of December 22, 1939, which has been successively extended to June 30, 1949, authorizes the King in Council to issue regulations with regard to note issue without the approval of the Riksdag.

Position of Riksbank, June 30, 1948, with December 31, 1947, figures in parentheses (million crowns): Notes, 2,824.2 (2895.1); gold reserve, 307.0 (378.6); foreign currency, 79.1 (345.6).

Average Exchange Rates of the Swedish Krona

NOTE.—1930-34, noon buying rates for cable transfers, New York on Stockholm; 1935-47, average selling rate of the Swedish National Bank.

Year	Rate	Year	Rate	Year	Rate	Month	1946	1947	Month	1946	1947
1930	$0.2685	1938	$0.2514	1946	$0.2551	Jan	$0.2381	$0.2778	July	$0.2604	$0.2778
1931	.2525	1939	.2399	1947	.2778	Feb	.2381	.2778	Aug	.2778	.2778
1932	.1847	1940	.2381			Mar	.2381	.2778	Sept	.2778	.2778
1933	.2203	1941	.2381			Apr	.2381	.2778	Oct	.2778	.2778
1934	.2598	1942	.2381			May	.2381	.2778	Nov	.2778	.2778
1935	.2522	1943	.2381			June	.2381	.2778	Dec	.2778	.2778
1936	.2558	1944	.2381								
1937	.2543	1945	.2381								

PRINCIPAL SOURCES

Statistisk Årsbok för Sverige, published annually by the Central Bureau of Statistics, Stockholm.
Industri, published annually by Kommerskollegium, Stockholm.
Kommersiella Meddelanden, published monthly by Kommerskollegium, Stockholm.
Handel, published annually by Kommerskollegium, Stockholm.
Bergshantering, published annually by Kommerskollegium, Stockholm.

SWITZERLAND

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 15,944 square miles. Population, 1941 census, 4,265,703; estimate as of January 1, 1948, 4,580,000. Urban population, 1941 (10,000 or over), 1,402,335; 1945, estimate 1,509,408. Cities, end of 1946 estimate (1941 census figures in parentheses): Zurich, 360,500 (336,395); Basel, 170,300 (162,105); Geneva, 137,600 (124,431); Bern, 136,700 (130,331); Lausanne, 99,300 (92,541); St. Gallen, 64,100 (62,530); Winterthur, 62,000 (58,883); Lucerne, 57,800 (54,716). By occupation, 1941: Agriculture and forestry, 414,936; industry, 867,995; commerce, banking, and insurance, 198,472; hotels and restaurants, 84,969; communication and transportation, 76,741; public service, 147,453; domestic servants and day laborers, 148,653.

Education.—School enrollment, 1945-46: Primary, 431,132; secondary and preparatory, 88,015; training schools (normal, commercial, agricultural, domestic arts, etc.), 32,022; university and higher technical, 12,760. Illiteracy nonexistent among persons over 10 years of age.

AGRICULTURE

Land distribution (acres): Cereal lands (1946), 522,246; meadows (1939), 2,022,316; forests (1945), 2,527,018; vineyards (1946), 27,478; unproductive (1939), 2,300,946.

Livestock, 1947, with 1936 census figures in parentheses (thousands): Cattle, 1,451, (1,569); swine, 710 (878); horses, 147 (140); sheep, 182 (176); goats, 189 (220); poultry 5,025 (5,544).

Value of agricultural production, 1947 data, with 1938 figures in parentheses, in millions of Swiss francs: Cereal grains, 111.6 (84.4); potatoes, 119.1 (38.8); vineyards, 119.4 (32.7); fruit culture, 190.4 (65.5); vegetable culture, 208.1 (68); cattle for slaughter, 302 (243.1); horses, 22.8 (19.4); hogs, 189.7 (165.5); poultry, 109 (60.5); milk and milk products, 579.2 (471.9); other products, 133.9 (46.7); total value, 2,085.2 (1,289.3).

Dairy products, 1947–48, with 1938 data in parentheses (thousands of pounds): Fresh milk, 4,739,890 (6,311,724); butter, 35,273 (67,240); cheese, 92,593 (115,962); powdered and condensed milk, 24,251 (19,841).

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1937	1938	1945	1946	1947	1937	1938	1945	1946	1947
Wheat	204	225	242	232	225	7,213	8,244	8,194	7,477	6,761
Rye	37	39	32	37	32	1,295	1,570	1,102	1,134	984
Barley	11	12	79	74	67	386	425	3,472	2,930	2,526
Oats	27	28	109	99	86	1,647	1,977	7,565	6,159	5,098
Potatoes	121	122	(1)	(1)	166	32,254	32,600	59,267	39,675	45,194
Grapevines	33	32	28	27	(1)	[2] 12,390	[2] 12,200	[2] 16,206	[2] 19,305	(1)

[1] Not available.
[2] Unit, gallon of wine.

MANUFACTURING

Electricity.—Total net capacity of installed electricity generating plants, 1947, 2,650,000 kilowatts. Annual production of electric energy (billions of kilowatt-hours), 10.3 (10.2 in hydroelectric plants and 0.1 in thermal plants) in 1947; 1938, 7.0; 1939, 7.1.

Employment.—1946, 2,156,005; 1941, 1,992,487.

Unemployment (year end): 1937, 87,311; 1938, 91,257; 1943, 12,958; 1945, 13,885; 1946, 11,126.

Coefficient of Industrial Activity
(150 = good; 100 = satisfactory; 50 = bad)

Industrial group	1938	1939	1943	1945	1946
Cotton	73	119	80	95	125
Silk	65	102	117	136	147
Wool	71	112	81	101	129
Linen	59	113	87	89	125
Embroidery	101	118	110	138	149
Other textiles	65	102	93	109	125
Clothing	83	130	93	126	137
Footstuffs	97	113	101	105	120
Chemicals	101	113	96	105	130
Paper and leather	85	117	114	135	140
Graphic art	114	112	122	130	142
Wood	93	108	117	129	141
Metals and machinery	109	126	117	119	143
Watches and jewelry	97	83	120	128	142
Minerals	93	93	114	115	134
Construction	96	97	97	101	125
Industries in general	94	116	108	118	138

TRANSPORTATION AND COMMUNICATION

Railways, 1947.—Total length, 3,233. Principal company: Swiss Federal Railways owning 1,812 miles of line and handling 85 percent of freight traffic. Private lines: 1,421 miles.

Statistics of Railways [1]

Item	1937	1943	1944	1945	1946
Length of line ... miles	3, 262	3, 239	3, 242	3, 242	3, 309
Locomotives[2] ... number	1, 172	1, 288	1, 305	1, 302	1, 173
Passenger cars ... do	4, 294	4, 815	4, 805	4, 806	4, 918
Freight cars[3] ... do	22, 101	24, 693	24, 965	24, 919	21, 877
Total train-miles ... thousands	39, 305	----------	----------	----------	----------
Passengers carried ... do	152, 414	242, 811	262, 484	284, 841	----------
Passenger-miles ... millions	2, 048	----------	----------	4, 089	3, 932
Freight carried[4] ... 1,000 metric tons	23, 458	30, 243	26, 291	20, 101	24, 167
Metric-ton-miles ... millions	1, 332	----------	----------	874	1, 147
Gross receipts[5] ... 1,000 francs	398. 527	576, 308	608, 286	619, 070	586, 510
Passenger service ... do	163, 857	245, 401	281, 475	318, 706	----------
Freight service ... do	217, 770	311, 110	305, 197	279, 380	----------

[1] Normal and narrow-gage railways, excluding funicular and cogwheel railways.
[2] Excluding rail motorcars.
[3] Including baggage cars.
[4] Including parcel post, livestock, and baggage.
[5] Total receipts including miscellaneous receipts not shown separately.

Highways.—10,000 miles of road, of which about half are surfaced.

Aviation (1947 data, with 1946 and 1938 in parentheses).—Miles flown, 6,066,916 (3,813,178) (3,354,530); pounds of postal matter, freight, and paying baggage, 10,484,066 (4,488,566) (2,722,681). Swissair, a semipublic organization, is the sole operating air line (only other air line, Alpar, was absorbed in 1947). The airports of Cointrin (Geneva) and Dubendorf (Zurich) also serve as terminals and transit stations for a number of foreign lines.

Postal, Telegraph, and Telephone Statistics

Item	1937	1938	1943	1945	1946
Postal service:					
Number of offices	4, 001	3, 996	3, 972	3, 965	3, 970
Pieces of mail:					
Letters, post cards, etc. ... thousands	729, 000	738, 200	919, 300	834, 600	854, 800
Newspapers, magazines ... do	423, 500	428, 800	428, 095	463, 397	489, 461
Parcels ... do	41, 100	42, 100	50, 160	62, 593	65, 452
Gross receipts ... 1,000 francs	152, 664	156, 700	168, 619	196, 172	220, 581
Telegraphs:					
Length of line ... miles	22, 821	23, 126	----------	----------	27, 000
Messages ... thousands	1, 637	2, 370	----------	2, 295	2, 755
Telephones:					
Length of wire ... miles	833, 764	829, 800	----------	1, 950, 000	----------
Number of instruments	430, 877	450, 380	567, 517	645, 425	697, 589
Gross receipts[1] ... 1,000 francs	124, 422	128, 815	181, 799	225, 742	250, 468

[1] Including gross receipts from telegrams.

FOREIGN TRADE

Per capita trade.—1947: Imports, $245.85; exports, $166.65.

Basis of trade statistics.—Imports are for consumption. Exports include national and nationalized goods, excluding gold bullion and coin and silver coin. (Unmanufactured gold and silver for industrial purposes, however, are included in totals). Since January 1, 1924, the statistical area includes the foreign trade of the territory of the Principality of Liechtenstein. Both quantities and values are based on declarations; import values c.i.f., export f.o.b. frontier.

Imports are charged to the country of production; exports, to the country of consumption.

Foreign trade values have been converted from Swiss francs to United States dollars at the following rates: 1934, $0.3267; 1935, $0.3250; 1936, $0.3019; 1937, $0.2294; 1938, $0.2287; 1939, $0.2252; 1940, $0.2268; 1941, $0.2321; 1942, 1943, 1944, $0.2335; 1945, 1946, 1947, $0.2336.

Value of Imports and Exports

Year	Thousands of Swiss francs		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	1, 412, 474	822, 108	457, 219	266, 116
1935	1, 256, 526	791, 568	408, 371	257, 260
1936	1, 262, 585	881, 376	381, 175	266, 087
1937	1, 807, 167	1, 286, 050	414, 564	295, 020
1938	1, 606, 903	1, 316, 572	367, 499	301, 100
1939	1, 889, 359	1, 297, 577	425, 484	292, 214
1940	1, 853, 621	1, 315, 690	420, 401	298, 398
1941	2, 024, 342	1, 463, 348	469, 850	339, 643
1942	2, 049, 345	1, 571, 749	478, 522	367, 003
1943	1, 727, 079	1, 628, 949	403, 273	380, 360
1944	1, 185, 931	1, 131, 835	276, 915	264, 283
1945	1, 225, 367	1, 473, 697	286, 246	344, 256
1946	3, 422, 534	2, 675, 506	799, 504	624, 998
1947	4, 820, 015	3, 267, 566	1, 125, 956	763, 303

Trade with Principal Countries (Thousands of Dollars)

Country	Imports				Exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**414, 564**	**367, 499**	**799, 504**	**1, 125, 956**	**295, 020**	**301, 100**	**624, 998**	**763, 303**
United States	28, 947	28, 646	127, 970	241, 038	25, 770	20, 752	105, 804	92, 225
British North America	[1] 5, 348	[1] 5, 503	25, 839	13, 029	[1] 3, 491	[1] 3, 371	9, 300	12, 587
Argentina	21, 310	13, 358	58, 232	64, 560	7, 168	8, 192	22, 653	40, 941
Brazil	2, 644	2, 701	16, 071	20, 775	3, 503	3, 791	20, 563	12, 787
Austria	10, 131	7, 641	9, 747	20, 869	8, 684	7, 007	4, 553	9, 118
Belgium-Luxembourg	17, 512	15, 765	73, 464	99, 864	10, 243	9, 549	62, 024	71, 404
Czechoslovakia	17, 261	13, 082	38, 828	61, 066	12, 044	10, 053	20, 812	37, 241
Denmark	4, 875	3, 166	16, 141	35, 003	3, 960	4, 309	11, 448	15, 370
France	56, 280	52, 414	82, 925	107, 186	32, 008	27, 766	65, 774	69, 668
Germany	92, 387	85, 324	10, 604	31, 155	45, 852	47, 145	1, 854	3, 621
Italy	26, 935	26, 682	53, 186	74, 891	23, 434	20, 857	36, 458	48, 943
Netherlands	14, 351	12, 698	19, 800	38, 286	10, 405	14, 157	24, 622	35, 726
Portugal	897	1, 032	14, 776	8, 136	1, 954	1, 788	14, 676	15, 636
Rumania	10, 268	5, 713	444	996	3, 603	3, 212	1, 892	5, 062
Spain	1, 959	1, 236	20, 024	10, 899	771	1, 188	23, 556	13, 864
Sweden	4, 421	4, 232	32, 964	30, 983	6, 667	9, 296	55, 373	50, 928
United Kingdom	25, 847	21, 731	45, 924	75, 376	32, 984	33, 867	13, 572	27, 328
India	5, 053	5, 279	4, 656	7, 242	5, 320	5, 334	10, 449	25, 453
Union of South Africa	618	553	2, 942	2, 301	2, 610	3, 296	17, 906	16, 856
Other countries	67, 520	60, 743	144, 967	182, 301	54, 549	66, 170	101, 619	140, 535
Percent of total:								
United States	7. 0	7. 8	16. 0	21. 4	8. 7	6. 9	16. 9	12. 1
Belgium-Luxembourg	4. 2	4. 3	9. 2	8. 9	3. 5	3. 2	9. 9	9. 4
France	13. 6	14. 3	10. 4	9. 5	10. 8	9. 2	10. 5	9. 1
Germany	22. 3	23. 2	1. 3	2. 8	15. 5	15. 7	. 3	. 5
Italy	6. 5	7. 3	6. 7	6. 7	7. 9	6. 9	5. 8	6. 4
United Kingdom	6. 2	5. 9	5. 7	6. 7	11. 2	11. 2	2. 2	3. 6

[1] Canada only.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption, total					**414, 564**	**367, 499**	**799, 504**	**1, 125, 956**
Cattle for slaughter .... number	22, 756	2, 816	18, 255	24, 811	2, 720	337	3, 111	4, 575
Swine .... do	57, 276	7, 060	19, 001	75, 761	1, 392	192	710	5, 437
Meats, poultry, and game .... 1,000 lb	22, 039	17, 475	17, 921	37, 305	4, 381	3, 940	6, 279	14, 007
Casings, bladders, rennet .... do	4, 674	4, 020	6, 899	4, 883	1, 418	1, 093	3, 553	3, 112
Butter .... do	5, 623	343	3, 450	30, 573	1, 172	106	1, 797	20, 484
Fish and shellfish .... do	15, 212	14, 100	11, 408	15, 068	2, 293	2, 088	4, 338	6, 132
Eggs .... do	31, 074	31, 156	33, 232	32, 536	4, 081	4, 397	12, 486	13, 172
Hides and skins .... do	16, 465	9, 835	17, 902	11, 871	3, 032	1, 544	5, 442	4, 907
Leather .... do	6, 197	3, 805	7, 250	6, 422	7, 346	4, 475	13, 552	15, 768
Leather footwear .... 1,000 pr	268	258	74	1, 019	621	628	325	5, 326
Barley .... 1,000 bu	7, 157	6, 779	3, 702	2, 886	6, 088	5, 247	6, 525	6, 991
Malt .... do	1, 714	2, 740	1, 177	2, 015	2, 247	3, 488	4, 377	6, 945
Corn .... do	4, 180	4, 095	2, 309	6, 172	3, 755	3, 588	5, 838	15, 733
Oats .... do	13, 952	14, 052	9, 290	5, 963	6, 942	6, 664	12, 242	8, 771
Rice .... 1,000 lb	39, 657	50, 510	178	20, 947	1, 154	1, 531	21	2, 655
Wheat .... 1,000 bu	16, 116	16, 857	8, 968	7, 292	22, 822	18, 816	25, 426	27, 454
Other grains and preparations .... 1,000 lb	77, 122	57, 084	65, 304	247, 036	1, 722	1, 190	3, 778	18, 246
Fodders and feeds .... long tons	76, 811	31, 354	36, 040	140, 916	2, 916	1, 168	3, 629	12, 328
Potatoes .... 1,000 bu	1, 922	873	2, 725	4, 091	1, 634	822	4, 468	7, 373
Fresh vegetables, other .... 1,000 lb	134, 513	135, 042	62, 816	96, 502	4, 393	4, 963	5, 258	6, 730
Fruits and preparations .... do	214, 340	225, 041	206, 440	245, 673	9, 295	10, 460	22, 910	20, 493
Nuts .... do	19, 252	19, 935	35, 090	34, 327	2, 241	2, 556	12, 199	10, 427
Vegetable oils, edible .... do	18, 179	25, 523	10, 951	17, 391	1, 662	1, 771	2, 646	5, 250
Cocoa beans .... do	14, 557	20, 291	31, 362	20, 530	1, 676	1, 417	4, 550	5, 949
Chocolate .... do	47	34	4, 879	12, 091	10	9	1, 986	5, 857
Coffee, green .... do	29, 710	38, 160	40, 876	32, 844	3, 263	3, 313	9, 379	8, 559
Sugar .... do	320, 029	339, 944	178, 923	408, 604	5, 356	5, 622	18, 118	36, 428
Molasses and sirup .... 1,000 gal	522	527	1, 782	1, 249	143	156	3, 035	1, 697
Wine, in casks .... do	24, 223	24, 988	33, 608	22, 296	6, 335	7, 316	34, 943	21, 278
Rubber, crude and waste .... 1,000 lb	5, 453	6, 929	11, 525	11, 868	1, 026	902	2, 431	2, 440
Rubber manufactures .... do	11, 126	9, 718	14, 265	25, 130	4, 369	3, 695	10, 164	18, 468
Turpentine, gums, and resins .... do	19, 838	17, 581	27, 889	22, 144	1, 210	902	4, 237	3, 445
Tar and pitch .... do	61, 842	68, 689	263, 645	112, 327	665	788	6, 241	2, 668
Oilseeds .... do	117, 792	149, 830	84, 164	126, 285	4, 140	4, 140	7, 849	13, 941
Essential oils and camphor .... do	1, 132	1, 052	1, 519	2, 249	722	579	2, 750	3, 634
Inedible vegetable oils, other .... do	44, 009	45, 107	28, 657	32, 398	2, 744	2, 142	5, 690	8, 592
Seeds, except oilseeds .... do	5, 622	4, 583	10, 648	8, 493	617	519	3, 707	2, 811
Tobacco, leaf .... do	15, 844	15, 224	19, 332	22, 254	3, 436	3, 649	10, 212	12, 589
Cotton, raw .... do	75, 092	62, 690	80, 682	63, 987	11, 612	8, 516	23, 383	21, 344
Cotton yarn and thread .... do	6, 201	2, 098	7, 662	9, 092	3, 399	1, 216	4, 648	8, 174
Cotton fabrics .... do	11, 239	6, 282	3, 473	11, 913	8, 315	5, 143	5, 003	17, 744
Vegetable fibers (flax, hemp, etc.):								
Unmanufactured and waste .... do	16, 034	6, 456	16, 421	11, 011	1, 954	778	3, 473	2, 798
Yarns .... do	3, 875	2, 655	6, 406	6, 401	1, 525	851	4, 521	4, 522
Fabrics .... do	8, 241	8, 625	7, 144	6, 964	1, 445	1, 103	2, 707	3, 735
Wool, unmanufactured .... do	13, 131	15, 412	38, 378	30, 819	5, 047	4, 466	19, 221	17, 688
Wool, semimanufactures .... do	9, 841	7, 486	12, 006	15, 490	6, 744	4, 288	14, 246	22, 164
Wool fabrics .... do	3, 995	2, 726	1, 884	4, 415	6, 443	4, 641	7, 064	16, 521
Wool carpets and rugs .... do	1, 964	1, 346	2, 680	3, 889	1, 702	1, 081	5, 469	6, 378
Silk, raw and thrown .... do	2, 774	2, 183	858	600	4, 527	3, 600	8, 027	3, 412
Rayon yarn and thread .... do	5, 319	3, 408	2, 466	3, 566	2, 797	1, 912	2, 347	4, 880
Silk and rayon fabrics .... do	2, 962	2, 327	1, 978	1, 846	5, 294	4, 404	6, 718	6, 607
Wearing apparel .... do	1, 268	1, 159	607	1, 947	4, 873	4, 368	5, 075	13, 103
Wood, unmanufactured .... long tons	176, 670	165, 717	198, 088	292, 401	2, 413	2, 080	4, 649	6, 718
Sawmill products .... do	50, 163	41, 732	37, 006	96, 441	2, 124	1, 791	2, 091	7, 303
Paper base stocks .... 1,000 lb	202, 678	303, 095	249, 163	307, 177	2, 774	3, 406	11, 458	13, 210
Paper, cardboard, and products .... do	23, 848	19, 588	37, 058	86, 461	3, 236	2, 909	5, 694	12, 855
Coal .... 1,000 long tons	2, 066	1, 885	1, 105	1, 764	16, 454	15, 378	30, 484	48, 580
Coke .... do	933	873	283	394	9, 248	9, 099	8, 275	11, 114
Coal briquets .... do	432	526	123	324	3, 785	4, 640	3, 445	8, 252
Gasoline and benzine .... 1,000 bbl	1, 651	1, 705	1, 279	1, 708	6, 907	5, 917	9, 514	9, 250
Residual fuel oil .... do	1, 086	1, 140	1, 468	2, 963	3, 908	3, 789	8, 580	15, 167
Lubricating oils and greases .... do	147	139	229	230	1, 787	1, 610	5, 495	5, 342
Glass and glass products .... 1,000 lb	31, 416	29, 464	43, 980	64, 735	2, 995	2, 127	8, 434	10, 184
Iron ore .... long tons	49, 362	49, 411	86, 226	52, 301	356	453	2, 142	1, 007
Iron and steel:								
Pig iron .... do	149, 781	94, 615	111, 035	109, 364	4, 815	3, 352	9, 389	9, 171
Bars and rods .... do	101, 557	69, 205	125, 112	169, 816	5, 585	4, 529	18, 298	25, 238
Wire and manufactures .... do	10, 911	6, 927	15, 242	19, 351	2, 574	1, 668	5, 516	8, 452
Sheets and plates .... do	123, 428	70, 093	143, 227	146, 339	9, 967	6, 458	27, 479	32, 146
Structural iron and steel .... do	56, 861	46, 339	70, 279	63, 111	2, 600	3, 058	9, 072	8, 612
Railway track material and wheels .... do	36, 157	28, 822	58, 647	36, 791	1, 830	1, 643	7, 216	4, 817
Tubular products and fittings .... do	28, 329	18, 260	42, 116	39, 403	2, 930	2, 139	9, 762	10, 560
Castings and forgings .... do	10, 037	9, 248	5, 654	16, 100	2, 838	2, 650	2, 713	6, 607

—Continued

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Tools ... long tons	1,533	1,205	1,191	1,761	1,476	1,492	3,023	5,030
Other iron manufactures ... do	3,234	3,018	2,256	4,834	2,173	2,111	1,993	3,784
Aluminum, in ingots ... 1,000 lb.	6,525	8,446	17,620	15,788	1,071	1,553	2,715	2,494
Copper, in pigs, slabs, etc. ... do	45,082	42,719	58,217	50,158	5,958	4,593	8,511	10,293
Lead, in bars, blocks, etc. ... do	20,804	22,014	47,042	30,643	1,190	807	5,124	4,448
Tin, in bars ... do	2,632	2,914	2,816	2,346	1,340	1,148	1,846	1,710
Zinc, bars and scrap ... do	23,018	19,262	24,355	26,837	1,217	746	2,549	3,228
Gold, unmanufactured ... do	1	5	(1)	(1)	742	2,604	(1)	(1)
Silver, unmanufactured ... do	238	249	228	117	1,559	1,589	2,449	1,154
Precious metals, other plated ware, and jewelry ... 1,000 lb.	218	193	80	147	3,208	2,872	1,889	2,919
Electrical machinery and apparatus ... long tons	1,530	1,598	1,847	2,842	3,869	4,094	6,726	11,871
Machine tools ... do	2,672	3,727	4,979	9,783	2,517	3,718	6,788	13,427
Textile, sewing and paper machinery ... do	2,322	2,122	834	1,795	1,987	1,867	1,585	4,100
Ball and roller bearings ... do	202	252	199	425	312	426	714	1,943
Office appliances ... do	184	186	321	607	1,053	1,000	2,453	5,404
Agricultural machinery and implements ... do	1,800	1,205	1,307	1,456	556	407	716	1,030
Other machinery ... do	13,226	12,852	7,624	19,491	7,552	8,393	7,435	21,150
Automobiles ... number	9,858	10,747	11,433	27,006	7,091	8,020	13,705	40,049
Airplanes ... do	14	15	219	124	673	2,407	1,384	3,649
Coal-tar derivatives, intermediates and dyes ... 1,000 lb.	37,696	31,739	40,072	45,362	4,707	4,216	5,850	9,623
Drugs and pharmaceuticals ... do	6,355	6,822	13,338	16,704	3,442	3,972	6,686	11,227
Calcined alumina ... do	132,284	117,086	58,119	100,240	2,860	2,463	1,916	3,307
Fertilizers and fertilizer materials ... long tons	182,251	129,935	214,762	239,763	2,293	2,007	6,513	7,079
Photographic and projection goods ... 1,000 lb.	655	703	691	875	1,258	1,475	1,535	2,560
Books, maps, pictures, and other printed matter ... 1,000 lb.	11,038	11,268	2,309	3,952	4,475	4,495	2,459	3,482
Other merchandise	------	------	------	------	64,143	57,748	115,130	156,608
Bullion and coin:[1]								
Gold bullion ... 1,000 troy oz.	2,363	5,669	(2)	(2)	97,562	229,729	(2)	(2)
Silver specie ... do	515	360	(2)	(2)	1,372	830	(2)	(2)

[1] Not included in totals.
[2] Not reported after 1939.

Exports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Domestic exports, total	------	------	------	------	**295,020**	**301,100**	**624,998**	763,303
Cattle ... number	9,027	3,950	20,199	8,996	1,589	710	9,433	3,913
Cheese ... 1,000 lb.	38,913	47,913	4,637	8,093	10,085	11,133	2,105	4,121
Hides and skins ... do	12,990	16,595	900	658	3,016	2,891	1,154	909
Leather footwear ... 1,000 pr.	1,126	1,198	551	594	3,838	3,981	4,795	5,536
Potatoes ... 1,000 bu.	(1)	(1)	2,869	11	1	(2)	6,210	22
Fruits ... 1,000 lb.	123,067	60,106	99,825	50,578	1,972	1,333	5,657	3,229
Rubber manufactures ... do	1,752	2,568	1,690	3,494	937	1,047	3,239	5,343
Cigarettes ... do	916	735	559	1,556	675	533	1,304	3,323
Cotton yarn and thread ... do	9,329	10,592	274	1,249	5,329	5,396	505	2,492
Cotton fabrics ... do	12,810	9,911	1,544	3,981	16,571	13,498	8,324	22,437
Cotton embroideries ... do	2,336	2,183	866	1,237	5,033	4,618	10,851	16,392
Silk and floss silk ... do	1,653	1,665	126	226	3,043	3,055	1,217	1,788
Sewing and embroidery silk ... do	407	424	281	345	977	1,040	3,095	3,320
Bolting cloth, silk ... do	71	53	60	59	1,872	1,514	2,812	2,857
Silk and rayon fabrics, other ... do	3,402	2,811	11,708	8,069	8,292	7,014	55,590	40,584
Silk and rayon ribbons, laces and embroideries ... 1,000 lb.	853	829	1,483	970	2,254	2,278	10,833	7,746
Rayon staple fiber ... do	271	161	8,097	11,394	74	37	2,772	4,101
Rayon yarn and thread ... do	9,631	8,850	4,707	5,674	5,012	4,623	7,639	8,707
Wearing apparel ... do	1,030	1,040	2,521	1,808	4,240	4,013	16,003	14,237
Millwork and joiners' goods ... do	105	147	51,686	3,623	9	32	4,917	502
Manufactures of straw, bast, etc. ... do	1,370	1,069	1,925	1,491	3,004	2,122	6,433	5,090
Paper base stocks ... do	15,546	13,456	8,360	5,000	1,415	1,145	2,469	1,802
Precious stones (including those for watchmakers' use) ... pounds	22,454	23,003	30,622	27,776	603	604	2,995	2,486
Iron scrap ... long tons	77,100	59,460	19,127	7,940	1,819	1,062	372	166
Pipe fittings ... do	2,079	2,191	3,214	3,719	1,092	1,293	2,891	3,487

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Precision tools.....do....	67	49	103	140	675	743	2,547	3,194
Aluminum and manufactures...1,000 lb..	60,207	74,265	15,542	23,836	13,204	16,731	7,968	12,249
Copper in bars, sheets, etc.; copper solder.....1,000 lb..	18,262	15,327,	2,190	6,736	2,947	2,280	649	1,912
Manufactures of copper, brass and bronze 1,000 lb..	2,052	1,992	894	1,313	1,324	1,092	1,495	2,782
Machinery:								
Electrical.....long tons..	9,185	11,446	8,421	10,236	11,649	13,578	23,659	32,720
Steam engines.....do....	2,141	2,589	1,921	2,196	1,908	2,607	4,506	5,018
Iron boilers.....do....	1,687	2,337	2,145	3,084	780	1,193	2,779	4,035
Internal-combustion engines...do....	7,749	9,017	9,577	9,785	4,359	5,593	12,688	16,230
Machine tools.....do....	4,603	5,091	5,804	7,965	7,921	9,661	19,270	27,149
Textile, sewing and paper.....do....	13,874	12,403	14,175	17,095	8,641	6,840	25,347	35,739
Ball and roller bearings.....do....	318	321	655	586	448	550	2,201	2,636
Food-preparing and manufacturing long tons..	2,189	3,518	1,785	2,838	1,664	3,027	3,931	5,651
Gas meters.....do....	102	172	262	381	981	2,114	2,764	3,385
Office appliances.....do....	250	242	392	508	1,388	1,348	3,932	5,126
Printing.....do....	564	632	674	1,070	612	660	1,818	3,201
Agricultural.....do....	204	143	2,512	2,515	83	63	3,222	3,528
Other.....do....	11,364	12,069	10,344	10,753	8,134	9,615	15,263	22,285
Automobiles and parts.....number[3]..	404	434	141	106	2,459	3,301	2,528	3,075
Airplanes and parts.....do[3]....	11	18	--------	2	258	1,897	39	72
Coal-tar derivatives and intermediates 1,000 lb..	1,969	2,859	2,613	4,997	797	923	1,886	2,943
Coal-tar dyes.....do....	15,673	14,586	15,994	19,553	19,505	18,972	41,062	53,213
Drugs and pharmaceuticals.....do....	4,322	3,621	10,029	12,483	10,068	11,025	30,769	44,432
Industrial chemicals.....do....	54,908	45,840	39,005	75,168	3,076	3,082	6,944	12,230
Perfumes and cosmetics.....do....	1,136	941	1,285	1,349	2,975	2,856	8,488	8,347
Phonographs, motion-picture projectors, etc.....1,000 lb..	906	1,049	1,402	1,694	695	793	2,443	3,136
Scientific and medical instruments and apparatus.....1,000 lb..	258	283	630	831	1,404	1,746	4,961	6,118
Arms and parts.....do....	239	456	30	9	2,723	3,431	279	157
Ammunition for small arms.....do....	1,000	987	130	243	5,619	6,328	659	1,654
Books and printed matter.....do....	4,568	4,799	7,050	7,181	1,314	1,340	7,141	7,440
Clocks and watches:								
Clocks.....	--------	--------	--------	--------	680	697	5,752	9,020
Pocket watches, precious metal thousands..	161	151	20	31	1,629	1,639	469	647
Pocket watches, base metal....do....	4,517	4,375	988	1,174	4,632	4,569	2,705	3,291
Wrist watches, precious metal...do....	453	398	371	491	4,633	4,985	12,414	16,566
Wrist watches, base metal.....do....	11,771	11,539	11,603	13,755	19,007	21,091	65,507	81,121
Watches, other.....do....	205	249	190	246	849	883	2,567	4,092
Watch movements.....do....	6,369	4,695	6,991	7,710	14,060	11,620	36,267	42,394
Clock and watch parts, other.....	--------	--------	--------	--------	7,777	7,683	8,737	13,641
Chronographs, repeaters, etc. thousands..	261	255	487	581	1,914	2,109	7,081	8,974
Other merchandise.....	--------	--------	--------	--------	39,476	37,463	68,646	89,300
Bullion and coin[4]:								
Gold bullion.....1,000 troy oz..	3,875	5,796	(5)	(5)	155,424	233,577	(5)	(5)
Silver specie.....do....	317	411	(5)	(5)	703	895	(5)	(5)

[1] Less than 500 bushels.
[2] Less than $500.
[3] Number of vehicles, excluding parts.
[4] Not included in totals.
[5] Not reported after 1939.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption from the United States, total					**28,947**	**28,646**	**127,970**	**241,033**
Meat, poultry and game ... 1,000 lb.	305	236	116	4,070	73	59	68	2,167
Milk, condensed ... do.	(1)	(1)	320	13,871	(1)	(1)	70	2,230
Butter ... do.	(1)	(1)	(2)	4,163	(1)	(1)	(2)	3,208
Casings, bladders, rennet ... do.	1,677	1,807	1,775	1,692	243	240	1,110	730
Eggs ... do.		(1)	27,320	17,772		(1)	10,186	7,011
Hides and skins ... do.	58	17	3,445	2,344	22	29	638	774
Leather ... do.	673	369	1,288	1,166	1,064	446	4,440	4,328
Leather footwear ... 1,000 pr.	4	4	27	382	9	11	75	1,586
Malt ... 1,000 bu.			222	663			739	2,465
Corn ... do.	(2)	707	23	2,029	(2)	641	87	4,789
Oats ... do.	17	27	1,287	922	9	14	1,596	1,282
Wheat ... do.	955	3,015	1,281	4,631	1,393	3,389	4,336	15,328
Flour ... 1,000 bbl.	(1)	(2)	65	750	(1)	1	790	11,153
Vegetables, canned ... 1,000 lb.	2,224	1,392	1,682	8,436	303	181	307	1,459
Condensed soups; julienne vegetables ... 1,000 lb.	48	39	2,143	1,464	7	6	1,476	1,030
Citrus fruit ... do.	(1)	4,553	4,003	5,692	(1)	250	489	947
Fruits, dried ... do.	6,926	8,405	4,677	4,286	608	570	1,032	87
Vegetable oils, edible ... do.	(1)		1,175	5,319	(1)		320	1,827
Sugar, refined; glucose, etc. ... do.	532	837	43,442	114,132	27	48	3,112	9,436
Rubber manufactures ... do.	1,293	1,051	6,201	7,956	430	366	3,028	5,518
Tobacco, leaf ... do.	6,132	5,829	8,263	10,671	1,469	1,600	4,704	6,509
Cotton, raw ... do.	19,241	15,785	6,063	3,159	2,748	1,765	1,753	1,084
Hosiery, silk ... do.	5	5	30	145	37	39	747	2,563
Lumber and timber ... long tons.	7,025	4,140	3,660	4,121	440	278	353	690
Coal ... 1,000 long tons.			282	620			7,944	17,859
Coke ... do.	6	9	24	27	224	276	996	1,080
Pitch, coal-tar and vegetable ... 1,000 lb.	3,451	2,319	132,122	30,812	40	34	3,362	889
Gasoline and benzine ... 1,000 bbl.	606	600	357	176	2,533	2,077	2,196	1,002
Residual fuel oil ... do.	379	400	340	441	1,420	1,361	2,000	2,351
Lubricating oils and greases ... 1,000 lb.	30,409	28,716	62,413	59,961	1,068	943	4,545	4,289
Paraffin and ceresin ... do.	1,683	1,934	6,050	4,664	75	67	750	598
Sulfur, crude ... long tons.	1,602	1,109	15,925	23,522	41	29	670	988
Iron sheets and plates ... do.	1,694	1,442	35,572	32,201	199	217	5,660	8,611
Aluminum, in ingots ... 1,000 lb.		947	32	77		183	20	14
Copper, in pigs, slabs, etc. ... do.	23,900	17,607	26,566	30,992	3,145	1,955	3,947	6,294
Copper scrap ... do.			23,932	3,678			2,115	457
Lead, in bars ... do.	596	6	16,896	12,674	32	1	1,674	1,809
Zinc in bars; zinc scrap ... do.	403	56	10,344	14,223	27	2	1,132	1,730
Silver, unmanufactured ... do.	(1)		135	29	(1)		1,458	253
Electrical machinery and apparatus ... long tons.	84	114	404	695	279	318	1,128	3,555
Internal-combustion engines, except automotive ... long tons.	117	181	215	1,019	100	159	181	1,439
Machine tools ... do.	340	534	1,467	3,156	529	818	2,450	5,419
Typewriters and parts ... do.	68	65	85	174	360	309	628	1,695
Office appliances, other ... do.	46	48	122	267	336	307	933	2,346
Machinery, other ... do.	508	532	953	4,320	579	663	1,533	6,877
Automobiles and parts ... number[3]	3,578	3,590	3,857	9,528	2,920	3,121	4,966	16,241
Airplanes and parts ... long tons.	21	11	167	193	313	132	890	3,009
Coal-tar derivatives and intermediates ... 1,000 lb.	18,131	16,334	16,487	16,942	499	391	3,294	4,185
Drugs and pharmaceuticals ... do.	285	269	2,395	2,611	117	114	2,512	4,520
Industrial chemicals ... do.	2,910	3,653	36,411	37,830	251	270	6,392	9,338
Other merchandise					4,978	4,966	23,138	45,788
Bullion and coin[4]:								
Gold bullion ... 1,000 troy oz.	1	7	(5)	(5)	57	293	(5)	(5)
Silver specie ... do.		(2)	(5)	(5)		(2)	(5)	(5)

[1] Not reported.
[2] Negligible.
[3] Number of automobiles, excluding parts.
[4] Not included in totals
[5] Not reported after 1939.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports of Swiss products to the United States, total					**25,770**	**20,752**	**105,894**	**92,225**
Cheese 1,000 lb	7,162	9,365	64	734	2,027	2,382	24	444
Leather footwear 1,000 pairs	65	53	118	104	192	189	1,135	983
Cotton fabrics 1,000 lb	665	386	165	362	1,232	759	1,273	2,473
Cotton embroideries do	161	112	312	180	401	288	4,110	2,912
Rayon staple fiber do	(1)	(1)	3,134	1,731	(1)	(1)	1,124	626
Bolting cloth, silk do	15	10	20	17	433	294	950	804
Silk and rayon fabrics, other do	86	66	672	239	343	253	5,545	1,771
Silk and rayon embroideries					4	4	2,571	182
Wearing apparel 1,000 lb	66	47	191	116	289	200	1,549	1,171
Millwork and joiners' goods do	(1)		11,424	2,793	(1)		1,573	386
Manufactures of straw, bast, etc. do	421	297	1,323	879	760	470	4,039	2,547
Precious stones (including those for watchmakers' use) pounds	104	183	4,486	1,307	59	52	1,574	990
Aluminum, in ingots 1,000 lb	5,004	2,658		(2)	960	523		(3)
Aluminum manufactures do	2,554	1,935	95	89	950	779	87	103
Machine tools long tons	182	122	224	117	441	344	972	688
Textile, sewing and paper machinery long tons	71	22	152	90	94	36	476	385
Coal-tar dyes 1,000 lb	1,291	1,201	806	686	1,870	1,773	2,008	1,818
Drugs and pharmaceuticals do	68	71	75	42	332	339	661	786
Perfumes and cosmetics do	77	48	60	50	320	271	1,223	818
Music boxes, etc. do	70	108	504	378	118	175	2,268	1,804
Books and printed matter do	45	34	271	294	68	41	830	765
Clocks and watches:								
Clocks					9	12	933	960
Wrist watches, precious metal thousands	11	7	181	151	240	182	6,976	6,380
Wrist watches, base metal do	127	105	1,666	795	329	326	14,400	7,134
Watches, other do	50	39	152	159	285	234	1,458	1,790
Watch movements do	3,232	2,336	5,809	6,279	8,318	6,391	30,872	35,174
Clock and watch parts, other					2,141	1,552	4,210	6,775
Chronographs, repeaters, etc. thousands	43	36	172	171	185	183	2,731	2,743
Notions and novelties 1,000 lb	19	11	236	98	31	19	2,122	501
Other merchandise					3,339	2,681	8,200	8,312
Bullion and coin[4]:								
Gold bullion 1,000 troy oz	1,279	34	(5)	(5)	51,822	1,451	(5)	(5)
Silver specie do	1	1	(5)	(5)	1	2	(5)	(5)

[1] Not reported.
[2] Less than 500 pounds.
[3] Less than $500.
[4] Not included in totals.
[5] Not reported after 1939.

FINANCE

General Receipts and Expenditures of the Federal Government (Thousands of Swiss Francs)

Item	1937	1938	1943	1945	1946
Receipts	**522,068**	**539,005**	**1,402,649**	**1,294,122**	**2,220,819**
Revenue from capital and real estate	40,823	44,278	43,283	51,889	30,246
Customs duties and taxes	238,225	250,469	110,117	76,528	250,099
Stamp taxes	58,499	58,345	57,362	63,677	66,915
Crisis tax	28,032	30,189	2,809	325	343
Turnover tax			200,455	281,244	346,611
National defense tax			153,800	123,831	562,588
Monopoly taxes	25,077	25,079	29,848	33,531	38,532
Fees	25,347	24,110	20,790	17,283	30,820
Sales taxes	65,908	55,405	550,110	405,481	474,725
All other	40,157	51,130	234,075	240,333	419,940
Expenditures	**537,009**	**578,011**	**2,466,659**	**2,346,093**	**2,140,126**
Debt service	135,656	146,823	228,394	319,168	374,316
Personnel services and expenses	69,048	72,375	179,710	227,247	230,543
Subsidies	182,065	187,626	365,254	463,888	422,781
General costs and materials[1]	39,461	44,860	1,086,215	813,419	587,444
All other	110,779	126,327	607,086	522,371	525,042

[1] Includes expenditure for national defense.

Public Debt (Thousands of Swiss Francs)

December 31	General debt			Railway debt		Grand total
	Total	Funded	Floating	Funded	Floating	
1937	2,658,363	1,961,255	697,108	2,693,331	513,749	5,865,443
1938	2,753,315	1,950,105	803,210	2,674,336	560,112	5,987,763
1943	5,661,914	5,382,082	279,832	2,931,891	364,501	8,958,306
1945	8,756,558	8,347,770	408,788	2,864,043	342,278	11,962,879
1946	8,929,121	8,702,702	226,419	(1)	(1)	------

[1] Not available.

Currency and exchange.—Unit of currency, Swiss franc, divided into 100 centimes. Since September 1936, parity is maintained by the National Bank between the value of 190 and 215 milligrams of fine gold by order of the Swiss Federal Council. As a result of conversion restrictions, several categories of dollars have been created which are quoted at different prices:

1. The minimum gold parity rate at which banks may buy dollar instruments from tourists up to the permissible maximum is 4.25 francs to the dollar.
2. Commercial dollars must be sold and bought through the Swiss National Bank at 4.28 and 4.31½ francs per dollar, respectively.
3. Free dollars are obtainable at varying prices. During the month of October 1948, the average buying rate was 3.88 francs per dollar and the average selling rate was 3.90 francs per dollar. Free dollars cannot be used to pay for Swiss imports.

Although general prohibitions do not exist, the following restrictions with regard to payments are enforced:

1. Payments to certain countries must be made through clearing accounts.
2. Payment for imports from the dollar area must be made in commercial dollars purchased through the Swiss National Bank at the official rate of exchange.
3. Export contingents are employed as a means of controlling and regulating payments in many instances.

Principal circulating medium, notes of National Bank; minimum legal reserve, 40 percent gold against outstanding notes.

Bank position (million francs), December 31, 1938, 1945, 1946, 1947: Notes in circulation, 1,555.4, 3,517.6, 3,633.2, 3,940.6; gold coin and bullion, 2,849, 4,691.1, 4,818, 5,120.9; foreign assets, 384.3, 115.2, 171.1, 113.4.

Average Exchange Rates of the Swiss Franc

NOTE.—Averages of certified noon buying rates in New York for cable transfers.

Year	Rate	Year	Rate	Month	1946	1947	Month	1946	1947
1924	$0.1822	1937	$0.2294	Jan	$0.2336	$0.2336	July	$0.2336	$0.2336
1931	.1940	1938	.2287	Feb	.2336	.2336	Aug	.2336	.2336
1932	.1940	1939	.2253	Mar	.2336	.2336	Sept	.2336	.2336
1933	.2484	1940	[1] .2268	Apr	.2336	.2336	Oct	.2336	.2336
1934	.3237	1941	.2321	May	.2336	.2336	Nov	.2336	.2336
1935	.3250	1942–44	(2)	June	.2336	.2336	Dec	.2336	.2336
1936	.3019	1945–47	.2336						

[1] Average of daily rates for that part of the year during which quotations were certified.
[2] Not available.

PRINCIPAL SOURCES

Annuaire Statistique de la Suisse.
Statistique Annuelle du Commerce Extérieur de la Suisse.

TURKEY

(See general explanatory note, p. vi)

AREA AND POPULATION

Area (1945 estimate), 296,185 square miles of which 9,257 in Europe and 286,928 in Asia (figures exclude 452 square miles of marshes and 3,256 square miles of lakes).

Population, estimated 1947, 19,200,000; census of 1945, 18,790,174; 1940 census, 17,820,950; 1935 census, 16,158,018; 1927 census, 13,648,270. Population of communities of 25,000 or more, 1945, 2,404,614 (12.8 percent). Principal cities, 1945 (1940 in parentheses): Istanbul (Constantinople) municipality, 860,558 (793,949); Ankara (Angora), 226,712 (157,242); Izmir (Smyrna), 198,396 (183,762); Adana, 100,780 (88,119); Bursa (Brusa), 85,919 (77,598); Eskisehir, 80,030 (60,742); Gaziantep (Aintab), 62,873 (57,132); Konya, 58,457 (56,465); Kayseri, 57,864 (52,467); Erzurum, 50,875 (47,613); Sivas, 44,856 (41,730); Malatya, 41,530 (36,292); Diyarbekir, 41,087 (42,555); Samsun, 38,725 (37,216); Urfa, 36,356 (35,266); Bahkesir, 33,894 (30,110); Mersin, 33,148 (30,007); Maras, 33,104 (27,744); Zonguldak, 32,978 (27,972); Manisa, 32,079 (37,623); Trabzon, 29,824 (32,789); Edirne (Adrianopole), 29,439 (45,680).

Education.—Primary education obligatory for all children between ages of 7 and 16. School enrollment 1945–46: Primary, 1,357,760; secondary, 91,123; trade and commerce, 54,248; universities, 19,273.

AGRICULTURE

Land distribution 1944 official data (thousand acres): Arable land, 31,878; natural meadows and pastures, 96,421; vineyards and orchards, 3,422 (including vegetable gardens, 373); woods and forests, 29,386; unproductive, 30,885.

Livestock, 1946, with 1945 data in parentheses (thousands): Cattle, 9,764 (9,810); sheep, 23,660 (23,502); goats, 16,625 (16,248), including 3,825 (4,026) mohair goats; buffaloes, 899 (848); camels, 97 (99); horses, mules and asses, 2,750 (2,683). (Sheep and goats under one year, and animals used in the services of the army and Government are excluded).

Principal Agricultural Products

Product	1931-35, average	1936-39, average	1940-44, average	1945	1946	1947
Wheat .... 1,000 bu..	92, 884	150, 899	135, 737	80, 436	134, 042	110, 270
Barley .... do....	68, 522	103, 908	84, 862	42, 903	75, 933	68, 200
Rye .... do....	10, 400	16, 629	15, 108	8, 895	17, 406	13, 793
Oats .... do....	11, 611	17, 372	18, 778	8, 373	15, 868	12, 125
Corn .... do....	19, 059	25, 203	28, 646	11, 601	23, 413	20, 868
Tobacco .... 1,000 lb..	79, 798	120, 481	131, 781	153, 636	215, 945	220, 460
Olive oil[1] .... 1,000 gal..	8, 275	[2] 15, 516	13, 202	6, 412	8, 401	([3])
Raisins .... 1,000 lb..	116, 844	[4] 139, 630	102, 100	143, 000	121, 000	66, 000
Dried figs .... do....	61, 729	78, 020	61, 200	57, 200	77, 000	74, 800
Ginned cotton[1] .... do....	63, 288	135, 364	146, 423	119, 884	130, 131	112, 607
Wool .... do....	39, 419	66, 284	68, 551	70, 034	68, 788	60, 177
Mohair .... do....	8, 892	15, 510	15, 980	14, 464	12, 315	10, 463
Opium (crude) .... do....	516	[4] 691	464	324	690	492

[1] Seasons ended following year.
[2] 3-year average 1937-39.
[3] Not available.
[4] 3-year average 1936-38.

MINING AND INDUSTRY

Production of principal minerals, 1946, with 1945 data in parentheses (in metric tons unless otherwise indicated): Coal, 3,830,536 (3,719,708); lignite, 603,532 (725,220); chromite, 103,167 (146,716); iron ore, 112,210 (125,708); copper, 10,050 (9,858); manganese ore, 1,185 (4,895); mercury (in flasks), 75 (158); boracite, 2,210 (5,034); emery, 8,451 (2,106); cement, 321,462 (288,455).

Industry.—The country is still essentially agrarian and pastoral, but industrialization is advancing steadily under Industrialization Plans, relying chiefly on state-controlled and -financed agencies. The first Plan (5-year), initiated in 1934, provided for construction of 19 plants, involving expenditures of 45,580,000 Turkish pounds; plants completed include

several textile mills, attar-of-roses distillery, glass factory, and sulfur refinery. The second Plan (4-year), drawn up in 1938 with aid of £10,000,000 (sterling) credit, provided for building of factories in addition to equipment of mines and ports, construction of ships, and other developments. The third Plan (5-year), initiated in 1946, provides for additions and alterations to iron and steel works and expansion of textile, cement, and paper industries.

Textile production in 1947 (1946 in parentheses): Yarn (metric tons), cotton, 14,414 (14,858); wool, 3,892 (3,815). Fabrics (1,000 meters), cotton, 93,000 (82,102); wool, 5,355 (5,245).

Sugar production (in metric tons), 96,587 in 1946; 89,803 in 1945; 54,496 for 1934-38 average.

TRANSPORTATION AND COMMUNICATION

Railways.—Lines in operation, end of 1946, 4,730 miles (4,670 miles in 1945), of which 4,442 miles standard gage, 341 miles narrow gage, and 77 miles broad gage, including 253 miles standard gage and 18 miles narrow gage operated by foreign companies.

Highways (end of 1946.)—26,719 miles, of which 8,078 miles macadamized.

Posts, telegraphs, and telephones (end of 1946).—Post and telegraph offices, 1,552 (1,413 in 1945); telegraph lines, 19,484 miles; telephone lines, 85,974 miles (1944); telephone instruments, 30,634 (28,703 in 1944).

Merchant marine.—Vessels of 50 gross tons or over, as of 1947 (1946 data in parentheses): Number of vessels, 255 (231); capacity, gross tons, 220,155 (184,698), all of steam or other power.

FOREIGN TRADE

Per capita trade.—1947: Imports, $12.75; exports, $11.65.

Basis of trade statistics.—The figures show imports for consumption and domestic exports. Valuations based on declared values; imports c. i. f., exports f. o. b. Countries shown are countries of origin and countries of ultimate destination.

Foreign trade values have been converted from Turkish pounds to United States dollars at the rates quoted in the table on page 188.

Value of Imports and Exports

Year	Thousands of Turkish pounds			Thousands of dollars		
	Merchandise		Specie[1]	Merchandise		Specie[1]
	Imports for consumption	Domestic exports	Imports for consumption	Imports for consumption	Domestic exports	Imports for consumption
1934	86,787	92,149	3	68,735	72,982	2
1935	88,823	95,861	(2)	70,703	76,305	(3)
1936	92,531	117,733	----------	73,655	93,716	----------
1937	114,379	137,984	(2)	90,588	109,283	(3)
1938	149,837	144,947	----------	118,970	115,088	----------
1939	118,248	127,389	1	92,588	99,746	1
1940	68,896	111,446	26	50,019	80,910	19
1941	74,815	123,081	----------	57,009	93,788	----------
1942	145,105	165,034	2,608	110,861	126,086	1,982
1943	202,983	257,152	62	155,282	196,721	47
1944	164,376	232,530	568	125,748	177,886	435
1945	126,166	218,929	----------	96,770	167,919	----------
1946	223,213	432,094	718	141,517	273,948	455
1947	685,003	625,244	(2)	244,546	223,212	(3)

1 No domestic exports of specie.
2 Less than £T 500.
3 Less than $500.

Trade with Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports for consumption				Domestic exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total, excluding specie	**90,588**	**118,970**	**141,517**	**244,546**	**109,283**	**115,088**	**273,948**	**223,212**
United States	13,697	12,450	44,463	81,507	15,207	14,108	55,621	52,656
Canada	1	12	459	178	368	543	4,855	730
Brazil	1,589	1,423	1,736	4,093	283	349	263	416
Belgium-Luxembourg	1,036	1,925	1,530	7,660	5,253	2,062	8,159	10,374
Czechoslovakia	2,381	4,587	2,659	12,023	4,826	3,968	2,998	12,574
France	982	1,566	1,066	5,662	4,169	3,778	11,411	10,053
Germany	38,121	55,906	45	65	39,926	49,394	4	335
Greece	465	598	633	302	1,554	2,264	24,055	9,722
Italy	4,819	5,653	8,229	34,150	5,755	11,563	7,677	23,633
Spain	149	23	338	4,443	2	2	4,216	1,146
Sweden	1,701	1,826	8,912	7,516	1,521	1,410	16,895	5,799
Switzerland	623	804	10,821	9,562	1,713	1,295	17,863	8,721
U. S. S. R.	5,617	4,677	11	(1)	5,154	4,081	62	-------
United Kingdom	5,646	13,335	27,151	30,698	7,737	3,924	47,960	36,602
India, incl. Pakistan	1,616	1,773	6,216	4,727	650	140	643	31
Japan	745	771	-------	11,253	606	700	-------	-------
Palestine	740	449	5,651	3,527	515	175	24,531	16,580
Syria	664	500	2,729	190	1,787	863	4,563	2,315
Australia	(1)	54	4,688	6,549	134	95	136	272
Egypt	1,941	822	2,376	1,986	1,147	1,002	19,125	10,916
Other countries	8,055	9,816	11,804	18,455	10,976	13,372	22,911	20,337
Percent of total:								
United States	15.1	10.5	31.4	33.3	13.9	12.3	20.3	23.6
Czechoslovakia	2.6	3.9	1.9	4.9	4.4	3.4	1.1	5.6
Germany	42.1	47.0	(2)	(2)	36.5	42.9	(2)	.2
Greece	.5	.5	.4	.1	1.4	2.0	8.8	4.4
Italy	5.3	4.8	5.8	14.0	5.3	10.0	2.8	10.6
Sweden	1.9	1.5	6.3	3.1	1.4	1.2	6.2	2.6
Switzerland	.7	.7	7.6	3.9	1.6	1.1	6.5	3.9
United Kingdom	6.2	11.2	19.2	12.6	7.1	3.4	17.5	16.4
Palestine	.8	.4	4.0	1.4	.5	.2	9.0	7.4
Egypt	2.1	.7	1.7	.8	1.0	.9	7.0	4.9

[1] Less than $500.
[2] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption, total, excluding specie	-------	-------	-------	-------	**90,588**	**118,970**	**141,517**	**244,586**
Hides and skins, raw ... 1,000 lb.	16,778	17,704	17,778	23,136	3,175	2,580	9,710	10,246
Tea ... do.	2,147	2,077	1,741	2,583	690	664	807	1,559
Coffee, green ... do.	11,287	11,728	8,063	19,003	1,582	1,197	1,890	3,136
Sugar, refined ... do.	26,436	136,900	-------	-------	693	3,304	-------	-------
Rubber, crude, including scrap ... do.	768	747	749	3,635	212	133	297	1,199
Automobile tires ... do.	1,720	2,047	2,458	5,119	562	667	1,784	3,265
Other rubber manufactures ... do.	1,557	1,459	2,775	2,234	855	849	2,264	1,598
Cotton yarn ... do.	14,088	13,960	2,875	18,702	4,329	4,126	3,833	18,430
Cotton fabrics ... do.	26,323	26,796	4,592	23,435	13,460	13,570	9,074	42,298
Tarpaulins ... do.	691	1,532	848	1,114	256	616	648	908
Jute bags ... do.	442	856	5,131	5,904	25	44	751	1,002
Burlaps ... do.	14,959	12,829	4,663	2,861	1,151	889	1,458	314
Wool and animal hair ... do.	611	1,218	10,435	12,314	452	742	4,851	6,991
Yarns of wool and hair ... do.	3,379	2,204	340	2,054	3,556	2,277	894	5,202
Fabrics of wool and hair ... do.	1,140	1,542	203	388	1,921	2,586	1,026	1,822
Artificial silk yarn ... do.	476	642	280	1,085	304	431	1,011	2,122
Newsprint ... do.	19,758	19,549	2,191	4,497	694	718	150	601
Other printing and uncut writing paper 1,000 lb.	2,263	4,152	4,541	7,548	147	311	829	987
Cigarette paper ... do.	1,001	1,899	1,078	1,579	213	444	737	733
Packing paper ... do.	8,037	12,177	4,798	14,747	362	543	658	1,707
Gasoline ... 1,000 bbl.	321	422	566	815	1,117	1,520	3,321	3,417
Kerosene ... do.	310	362	354	498	889	1,060	1,700	2,030
Mineral oils, heavy ... do.	392	478	530	707	1,337	1,801	3,986	4,717
Glass, window and plate ... 1,000 lb.	15,663	15,985	13,929	22,684	366	407	1,233	1,620
Household table articles of earthenware and china ... 1,000 lb.	2,318	2,804	1,239	2,546	231	343	729	1,003
Bricks and tile, fireproof ... do.	11,110	63,104	14,832	6,235	214	1,220	664	297
Iron and steel:								
Ingots, bars and structural shapes short tons.	84,552	93,063	16,786	30,940	3,949	4,816	2,749	3,987
Sheet-iron plates and hoop iron ... do.	28,568	37,021	19,027	28,321	2,236	2,994	1,695	4,499
Rails, rail chairs (tie plates) and parts ... short tons.	23,319*	28,467	7,821	8,507	1,212	1,611	668	680
Iron pipes and joints ... do.	16,861	22,555	5,366	13,580	1,175	2,223	1,595	2,139
Cast iron articles, heavy ... do.	10,787	27,905	2,497	7,512	1,377	4,944	777	1,877
Iron nails and rivets ... do.	2,393	3,367	3,985	4,652	315	413	1,421	1,198
Manufactures, other, including wire, furniture, tools, and hardware ... do.	17,343	19,583	15,478	24,105	4,222	5,367	8,431	10,698
Copper and alloys:								
Rods, plates and sheets ... 1,000 lb.	5,458	4,892	2,457	2,630	825	824	727	868
Wire, including insulated ... do.	4,341	4,337	8,556	4,505	652	698	2,175	1,487
Other forms and manufactures ... do.	956	1,969	695	774	696	870	939	886
Tin in ingots ... do.	1,121	1,231	445	703	705	548	221	502
Zinc plates ... do.	2,741	3,816	5,262	4,821	184	200	801	801
Electric light bulbs ... do.	219	245	329	479	301	374	639	712
Medical instruments and apparatus, electrical ... 1,000 lb.	86	122	175	315	140	172	496	682
Wireless telephones and parts ... do.	439	650	486	534	522	930	1,911	1,500
Telephones and parts ... do.	142	113	47	335	201	196	123	1,038
Machinery:								
Steam boilers ... long tons.	1,068	1,734	474	1,541	282	454	292	838
Locomotives ... do.	1,782	5,207	3,133	7,615	852	2,826	1,393	1,804
Motors, excluding electric ... do.	678	1,086	655	1,665	518	787	1,321	2,487
Pumps ... do.	352	605	489	869	204	436	945	1,343
Textile[1] ... do.	3,579	3,771	462	1,037	1,717	1,879	614	884
Sewing machines and parts ... do.	254	584	32	136	382	631	165	418
Agricultural and parts ... do.	3,991	3,576	3,474	3,241	1,416	1,220	3,414	2,887
Other ... do.	9,839	13,904	7,941	11,520	6,554	10,042	12,649	15,140
Motor vehicles[2] ... number.	2,907	2,726	2,275	7,318	2,314	2,041	4,562	11,492
Motor vessels ... registered tons.	159	743	-------	21,488	73	223	-------	4,638
Steam vessels ... do.	-------	20,843	-------	8,182	-------	3,202	-------	2,021
Railway cars ... number.	971	1,917	1,625	4,528	484	2,061	1,079	6,658
Coal-tar dyes ... 1,000 lb.	1,185	1,050	2,018	2,217	771	739	2,720	2,915
Serums and vaccines ... do.	465	818	858	1,415	899	1,165	3,398	3,982
Plastics and manufactures[3] ... do.	870	434	450	1,008	238	267	848	1,530
Cellulose ... do.	14,973	16,059	18,010	9,523	485	630	859	702
Watches ... number.	21,926	16,952	231,948	96,305	99	96	1,768	802
Other merchandise	-------	-------	-------	-------	15,795	20,049	25,817	33,047
Specie	-------	-------	-------	-------	(4)	-------	455	(4)

[1] Includes combing, carding, ginning, weaving, drying machinery, etc.
[2] Including passenger automobile chassis.
[3] Including those combined with other materials.
[4] Less than $500.

Exports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Domestic exports, total	-------	-------	-------	-------	**109, 283**	**115, 088**	**273, 948**	**223, 212**
Cattle .... number	40, 803	40, 563	51, 850	8, 802	750	886	9, 176	1, 173
Sheep and goats .... do	517, 245	326, 868	406, 526	566, 794	1, 563	1, 356	11, 410	8, 018
Sausage casings .... 1,000 lb	787	564	701	859	1, 083	1, 138	2, 016	1, 767
Fish including shellfish .... do	38, 228	32, 315	23, 696	14, 352	874	976	4, 914	2, 318
Eggs, raw or cooked .... do	6, 686	6, 416	1, 552	12, 345	550	633	852	2, 842
Hides and skins, raw .... do	7, 826	9, 812	12, 962	8, 362	2, 268	2, 266	8, 019	3, 997
Barley .... 1,000 bu	5, 202	5, 691	6, 133	1, 249	4, 030	4, 100	21, 380	2, 934
Rye .... do	1, 919	1, 028	1, 390	2, 471	2, 096	1, 073	4, 608	7, 389
Wheat .... do	3, 972	3, 730	1, 241	6, 300	6, 245	4, 471	7, 681	25, 590
Bran .... 1,000 lb	76, 967	81, 352	35, 184	64, 288	843	932	770	2, 080
Millet .... do	13, 810	13, 844	5, 497	65, 459	282	346	419	3, 713
Cottonseed oil cake .... long tons	(1)	(1)	13, 945	18, 518	(1)	(1)	1, 260	1, 879
Beans .... 1,000 lb	74, 121	67, 658	64, 074	67, 359	1, 289	1, 343	8, 748	4, 778
Chick peas .... do	25, 341	34, 718	19, 220	35, 153	546	739	1, 568	2, 175
Lentils .... do	6, 306	4, 114	11, 370	25, 524	134	55	1, 279	1, 868
Raisins .... do	63, 537	182, 923	134, 526	70, 817	4, 706	11, 377	23, 235	9, 666
Figs, dried .... do	53, 683	91, 069	54, 622	52, 896	2, 571	4, 409	11, 251	5, 266
Filberts, shelled .... do	45, 555	49, 937	51, 268	46, 525	7, 896	9, 676	23, 941	14, 513
Pistachio nuts, in the shell .... do	2, 152	852	5, 678	4, 863	518	206	3, 577	2, 407
Other fruits and nuts .... do	32, 828	55, 777	35, 726	35, 850	2, 321	3, 993	8, 297	4, 950
Sugar, refined .... do	-------	-------	17, 591	250	-------	-------	4, 278	61
Opium, crude .... do	427	247	390	516	1, 271	757	3, 918	4, 674
Licorice root .... do	32, 173	25, 960	45, 577	31, 526	637	554	2, 332	1, 467
Flaxseed .... do	2, 162	1, 540	19, 772	16, 679	71	69	3, 918	3, 206
Hemp seed .... do	(1)	(1)	2, 355	5, 990	(1)	(1)	575	1, 480
Valonia .... do	74, 323	76, 965	52, 468	47, 271	1, 203	1, 350	2, 589	1, 303
Valonia extract .... do	10, 113	15, 533	10, 604	12, 684	546	884	2, 195	1, 322
Tobacco, leaf .... do	87, 502	92, 738	62, 910	93, 238	34, 764	31, 188	60, 885	64, 093
Cotton, raw .... do	24, 763	57, 073	435	-------	4, 281	8, 051	299	-------
Wool, raw, in the grease .... do	22, 206	12, 919	1, 159	1, 728	4, 902	2, 545	506	470
Mohair, in the grease .... do	8, 840	6, 476	2, 474	4, 969	4, 534	2, 839	1, 318	1, 397
Wood, unmanufactured, including saw-mill products .... long tons	23, 351	16, 660	38, 915	36, 427	1, 318	1, 030	6, 797	3, 985
Coal .... short tons	(1)	(1)	194, 948	124, 110	(1)	(1)	3, 214	1, 901
Copper ingots .... 1,000 lb	882	4, 332	51, 958	11, 977	91	446	6, 860	2, 081
Chrome ore .... do	437, 524	458, 679	80, 093	405, 154	3, 164	4, 080	1, 568	5, 035
Other merchandise	-------	-------	-------	-------	11, 936	11, 320	18, 295	21, 414

(1) Not available.

Trade with the United States by Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports for consumption from the United States, total	-------	-------	-------	-------	**13, 697**	**12, 450**	**44, 463**	**81, 507**
Hides and skins, raw .... 1,000 lb	6, 375	2, 222	2, 901	3, 094	1, 155	249	993	1, 034
Coffee, green .... do	-------	-------	6, 984	33	-------	-------	1, 705	6
Automobile tires .... do	1, 063	760	1, 314	3, 614	343	259	853	2, 303
Cotton yarn .... do	1, 130	2, 362	593	6, 368	440	703	1, 135	6, 687
Cotton fabrics .... do	893	1, 697	1, 329	5, 692	467	736	2, 155	10, 357
Yarns of wool and hair .... do	(1)	-------	-------	163	(1)	-------	-------	438
Yarns of artificial silk .... do	12	14	5	252	9	9	8	477
Cigarette paper .... do	-------	-------	1, 056	1, 302	-------	-------	736	604
Gasoline .... 1,000 bbl	115	283	53	139	415	1, 020	391	542
Kerosene .... do	143	199	31	88	447	612	211	395
Mineral oils, heavy .... do	177	151	117	267	750	760	1, 823	3, 038
Iron and steel:								
Ingots, bars and structural shapes .... short tons	17, 866	8, 234	12, 933	10, 955	947	412	1, 569	1, 482
Sheet iron plates and hoop iron .... do	16, 770	14, 582	17, 013	21, 141	1, 418	1, 236	1, 265	3, 108
Iron rails, rail chairs (tie plates) and parts .... short tons	2	-------	7, 325	7, 913	1	-------	579	613
Manufactures, other .... do	1, 525	1, 638	12, 644	14, 288	359	412	3, 945	4, 650
Copper .... 1,000 lb	2, 743	812	3, 756	2, 668	422	162	1, 170	1, 054
Zinc plates .... do	-------	14	5, 064	734	-------	1	773	137
Machinery:								
Locomotives .... long tons	-------	-------	317	6, 782	-------	-------	161	1, 250
Motors, excluding electric .... do	219	293	214	1, 021	226	251	362	1, 394
Pumps .... do	-------	69	219	582	-------	67	394	878
Agricultural .... do	809	445	2, 138	998	391	149	2, 278	953
Other .... do	1, 187	1, 318	3, 678	6, 193	1, 366	1, 438	5, 227	8, 245
Passenger automobiles[2] .... do	3, 489	2, 655	449	4, 060	1, 862	1, 521	625	4, 012
Motor trucks .... do	282	88	2, 940	5, 711	175	55	2, 645	4, 805
Motor vessels .... registered tons	15	6	-------	20, 499	9	4	-------	4, 543
Steam vessels (freighters) .... do	-------	-------	-------	3, 742	-------	-------	-------	944
Railway cars .... long tons	-------	-------	245	5, 663	-------	-------	179	720
Coal-tar dyes .... 1,000 lb	84	60	1, 041	795	50	42	1, 082	882
Plastic manufactures[3] .... do	4	14	48	119	20	26	223	550
Other merchandise	-------	-------	-------	-------	2, 425	2, 326	11, 976	15, 406

See footnotes at end of table.

Trade with the United States by Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Domestic exports to the United States, total					**15,207**	**14,108**	**55,621**	**52,658**
Sausage casings, 1,000 lb.	113	174	70	18	244	287	121	51
Sheepskins, not tanned, do.	83	261	3,181	253	42	75	2,106	97
Lambskins, not tanned, do.	40	22	371	----	47	15	220	----
Goat and kid skins, not tanned, do.	90	1,098	277	71	18	163	156	25
Sheepskins, tanned, do.	----	----	313	----	----	----	239	----
Goat and kid skins, tanned, do.	(1)	----	245	----	(1)	----	186	----
Fur skins, do.	283	80	127	88	359	100	1,497	690
Sponges, do.	----	2	31	21	----	2	356	113
Raisins, do.	312	232	5,068	211	28	17	1,101	28
Figs, do.	2,211	1,775	3,448	2,008	218	174	999	364
Walnuts, do.	258	----	1,031	1,025	36	----	552	396
Filberts, do.	795	1,463	10,511	3,567	116	245	5,315	1,145
Pistachio nuts, do.	499	176	1,933	682	117	46	1,334	319
Licorice root, do.	25,360	20,995	36,758	25,852	465	436	1,670	1,001
Licorice extract, do.	50	----	452	252	4	----	137	49
Opium, do.	51	2	230	400	194	7	2,422	3,605
Gallnuts, do.	2	----	881	11	(1)	----	210	3
Valonia, do.	21,493	9,009	10,512	15,338	277	118	279	280
Valonia extract, do.	635	139	772	992	34	8	125	88
Tobacco, leaf, do.	28,564	27,938	33,322	59,438	11,817	11,279	31,141	40,840
Paper base stock (rags, waste paper, etc.) 1,000 lb.	490	----	4,320	1,281	5	----	165	23
Copper ingots, do.	882	4,332	38,030	3,472	91	446	3,555	638
Chrome ore, do.	100,600	29,506	18,029	143,621	652	257	414	1,804
Other domestic exports	----	----	----	----	443	433	1,321	1,047

[1] Less than half the unit.
[2] Including chassis.
[3] Including those combined with other materials.

FINANCE

Revenues and Expenditures of Budgets (Thousand Turkish Pounds)

NOTE.—Data are for fiscal years ending May 31 through 1944–45; for calendar years beginning 1946.

Fiscal year	Estimated revenues	Authorized expenditures	Fiscal year	Estimated revenues	Authorized expenditures
1932–33	169,355	169,147	1941–42	309,743	309,740
1933–34	170,477	170,475	1942–43	394,328	714,153
1934–35	184,081	184,076	1943–44	486,721	924,116
1935–36	195,013	195,011	1944–45	901,511	1,102,683
1936–37	212,764	212,756	1945	[1] 537,800	[1] 603,945
1937–38	231,020	231,018	1946	894,600	[2] 990,600
1938–39	250,049	254,915	1947	1,021,200	[2] 1,136,200
1939–40	261,110	261,064	1948	1,115,600	[2] 1,243,600
1940–41	268,481	268,476			

[1] 7 months only, owing to change in fiscal year.
[2] Subject to revision because of supplementary military expenditures.

Average Exchange Rates of the Turkish Pound

NOTE.—Par value, 1916, $4.3962, United States currency. New par $7.4400, according to United States Treasury statement of April 2, 1935. Rates 1934–48 based on official Turkish publications.

Year	Rate	Year	Rate	Year	Rate	Year	Rate
1934	$0.792	1938	$0.794	1942	$0.764	1946	$0.634
1935	.796	1939	.783	1943	.765	1947	.357
1936	.796	1940	.726	1944	.765	1948	.357
1937	.792	1941	.762	1945	.767		

Price Indexes

Year	General index of wholesale prices	General cost-of-living index, Ankara	General cost-of-living index, Istanbul
1938	100.0	100.0	100.0
1939	101.3	102.1	101.4
1940	126.6	110.8	112.4
1941	175.3	132.5	138.0
1942	339.6	220.9	232.5
1943	590.1	322.0	347.3
1944	458.9	330.1	339.0
1945	444.3	333.1	354.4
1946	427.3	320.6	342.5
1947	432.8	325.5	344.3
December 1947	450.0	329.6	341.4
March 1948	470.0	332.7	342.0
June 1948	470.4	327.8	343.1

PRINCIPAL SOURCES

Statistique Annuelle du Commerce Exterieur.

Conjoncture, 1948, Ministére du Commerce, Direction de Conjoncture et des Publications.

Annuaire Statistique, République Turque, Presidence de Conseil, Office Central de Statistique.

UNION OF SOVIET SOCIALIST REPUBLICS (U. S. S. R.)

(See general explanatory note, p. vi)

NOTE.—In view of the paucity of official statistics on the U. S. S. R., estimated and calculated figures have been used to supplement the official data.

AREA AND POPULATION

Total area as of January 1, 1947 (including areas currently under administrative control of the U. S. S. R.): 8,600,000 square miles, of which approximately 2,000,000 in Europe and 6,600,000 in Asia. Population census, January 17, 1939: 170,467,186, of which 55,909,908 (32.8%) urban and 114,557,278 (67.2%) rural. Estimated population 1940, 193,000,000. The U. S. S. R. is now composed of 16 Union Republics. Capital, Moscow (Moskva).

Area and Population of 16 Union Republics and Capital Cities

Republic	Area, 1947 (1,000 square miles)	Population, 1939 (thousands)	Capital cities: Name	Capital cities: Population, 1939 (thousands)
R.S.F.S.R.	[1] 6,534	108,800	Moscow	4,137
Ukrainian S.S.R.	223	30,960	Kiev	846
Belorussian S.S.R.	80	5,568	Minsk	239
Uzbek S.S.R.	157	6,282	Tashkent	585
Kazakh S.S.R.	1,063	6,146	Alma-Ata	231
Gruzian S.S.R.	29	3,542	Tbilisi	519
Azerbaidzhan S.S.R.	33	3,210	Baku	809
Lithuanian S.S.R.[2]	25	[3] 3,000	Vilnyus	[3] 209
Moldavian S.S.R.	13	[4] 2,700	Kishinev	[5] 114
Latvian S.S.R.[2]	25	[3] 1,950	Riga	[3] 390
Kirghiz S.S.R.	76	1,459	Frunze	93
Tadzhik S.S.R.	55	1,485	Stalinabad	83
Armenian S.S.R.	12	1,282	Erevan	200
Turkmen S.S.R.	187	1,252	Ashkhabad	127
Estonian S.S.R.[2]	17	[3] 1,117	Tallin	[6] 146
Karelo-Finnish S.S.R.	69	[4] 606	Petrozavodsk	[4] 80

[1] Includes areas currently under the control of the U.S.S.R. awaiting settlement through peace treaties (part of East Prussia; Southern Sakhalin; the Kurile Islands; etc.)
[2] Former independent Baltic Republic, now under administrative control of the U.S.S.R.
[3] 1940. [4] 1941. [5] 1937. [6] 1938.

Education, 1947–48 school year (1939–40 school year in parentheses).—Number of schools: Elementary and secondary, 197,000 (172,700); universities and colleges, 800 (750); "Technicums" and other specialized secondary schools, 3,450 (3,733). Number of students: elementary and secondary, 29,500,000 (32,200,000); universities and colleges, 700,000 (619,900); "Technicums" and other specialized secondary schools, 1,065,400 (945,000).

AGRICULTURE

NOTE.—Data in this section include the former Baltic Republics and other areas now under administrative control of the USSR. All figures have been supplied by the Office of Foreign Agricultural Relations of the United States Department of Agriculture and are unofficial and preliminary.

Sown area: 1938, 377,800,000 acres; 1947, 300,500,000 acres.

Livestock (Millions), January 1 of Specified Years

Kind	1938[1]	1946	1947	1948[2]
Horses	19.9	----------	10.8	11.9
Cattle	59.8	47.0	46.8	52.0
Sheep	66.0	61.1	60.8 }	84.7
Goats	[3] 9.0	----------	8.3 }	
Hogs	32.3	10.4	8.6	13.4

[1] Data for the acquired territories which have been included, exclusive of Tannu Tuva, are the latest available prewar estimates.
[2] Goal.
[3] Figures lacking for goats in territory acquired from Finland and in Latvia and Lithuania.

Principal Crops: Area and Production

Item	Area (thousands of acres)		Production (thousands of metric tons)	
	1935–39 average	1947	1935–39 average	1947
Grains, total	250,300	209,700	86,720	69,030
Breadgrains, total	164,800	146,000	56,250	47,200
Wheat	104,000	75,000	[1] 33,750	23,800
Rye	60,800	71,000	22,500	23,400
Coarse grains, total	85,500	63,700	30,470	21,830
Barley	26,000	20,500	9,250	6,730
Oats	49,500	36,000	16,900	11,900
Corn	10,000	7,200	4,320	3,200
Potatoes	21,232	20,554	178,280	138,940
Sugar beets	[2] 2,950	2,680	19,600	14,970
Sugar, refined	----------	----------	2,620	1,880
Sunflower seed	[3] 8,100	[4] 7,700	----------	----------
Flaxseed	[1] 6,434	3,353	816	387
Cotton	5,087	3,625	744	566

[1] Less than a 5-year average.
[2] 1936–40 average.
[3] 1938 acreage.
[4] Goal.

MINING AND MANUFACTURING

Gross Industrial Output of the U. S. S. R. (In Millions of 1926–27 Rubles)

Item	1913	1929	1938	1940	1950 (Plan)
By type of product:					
Total output	16, 200	25, 700	106, 100	138, 500	205, 000
Capital goods	5, 400	10, 900	62, 100	83, 900	
(Percent of total)	(33. 3)	(42. 4)	(58. 5)	(60. 6)	
Consumer goods	10, 800	14, 800	44, 000	54, 600	
(Percent of total)	(66. 7)	(57. 6)	(41. 5)	(39. 4)	
By principal industries:					
Total output	16, 249	25, 725	106, 075	138, 500	205, 000
Coal	301	424	1, 518		
Electric-power stations	45	244	2, 262		
Metallurgy of iron and steel	755	901	4, 025		
Metal processing	1, 466	3, 349	33, 613		
Machine building and repairing	919	2, 518	28, 079		
Chemicals	3, 519	5, 311	11, 255		
Textiles	457	[1] 645	6, 809		
(Percent of total output contributed by listed items)	(40. 2)	(42. 2)	(56. 1)		

[1] Year 1928.

Output of Selected Leading Products

Product	1913	1929	1938	1940	1950 (Plan)
Fuel and power:					
Coal ... 1,000 metric tons	29, 117	40, 067	132, 888	166, 000	250, 000
Coking coal ... do				40, 300	57, 700
Petroleum (including gas) ... do	9, 234	13, 810	32, 231	31, 000	35, 400
Peat ... do	1, 688	6, 914	26, 461	32, 100	44, 300
Electric power stations, capacity ... 1,000 kw	1, 098	2, 296	8, 692	10, 700	22, 400
Electric power output ... million kw.-hr	1, 945	6, 224	39, 600	48, 200	82, 000
Hydroelectric ... do				5, 000	12, 500
Iron and steel:					
Iron ore ... 1,000 metric tons	9, 214	7, 997	26, 530	29, 850	40, 000
Pig iron ... do	4, 216	4, 021	14, 600	15, 000	19, 500
Coke ... do	4, 443	4, 992	[1] 19, 800	21, 000	30, 000
Steel ... do	4, 231	4, 854	18, 000	18, 300	25, 400
Rolled steel ... do	3, 500	3, 900	13, 300	13, 100	17, 800
Manganese ore ... do	1, 245	1, 409	2, 273		
Nonferrous metals:					
Copper, crude ... do	31	36	103	161	225
Copper from ore ... do	30	26	84		
Copper, electrolytic ... do	17	23	98		
Aluminum, primary ... do			45	60	173
Machinery and vehicles:					
Tractors ... thousands		3	[2] 116	31	112
Automobiles ... do		1	211	147	500
Trucks ... do		1	184		428
Passenger cars ... do			[1] 19		66
Locomotives, steam ... number	664	575	[1] 1, 214	917	2, 200
Freight cars (in 2-axle units) ... thousands	15	16	49	47	146
Diesel engines ... 1,000 hp	35	69	262		
Steam boilers ... 1,000 sq. meters	28	126	240		
Coal-cutting machines ... number		59	1, 110		
Machine tools, metal-cutting ... thousands	2	4	54	[3] 50	[3] 74
Chemicals:					
Soda ash (excluding natural) ... 1,000 metric tons	160	231	532	528	800
Superphosphates, natural ... do	63	204	1, 571	1, 750	
Pyrites ... do	76	301	978		
Dyes ... do	4	13	35	32	43
Caustic soda ... do					390
Sulfuric acid ... do	121	265	[4] 1, 666	1, 162	
Mineral fertilizers (phosphates, nitrogen, potash) 1,000 metric tons	[5] 180	[5,6] 222	[5] 2, 610	2, 608	5, 100

See footnotes at end of table.

Output of Selected Leading Products—Continued

Product	1913	1929	1938	1940	1950 (Plan)
Chemicals—Continued					
Automobile tires ... 1,000 pieces	19	142	3,548	------	------
Automobile inner tubes ... do	10	149	3,670	------	------
Timber and products:					
Timber ... million solid cu. meters	61	96	[1] 202	233	280
Industrial timber ... do	27	60	[1] 111	120	190
Lumber ... million cu meters	12	17	[1] 34	34	39
Plywood ... 1,000 cu. meters	130	247	[1] 672	730	810
Paper ... 1,000 metric tons	197	385	[1] 832	812	1,340
Matches ... 1,000 cases[7]	3,757	6,845	[1] 7,163	9,900	9,900
Construction materials:					
Cement ... 1,000 metric tons	1,520	2,232	5,696	5,800	10,500
Brick ... millions	2,950	3,755	[1] 8,666	------	------
Slate ... million sheets	9	51	171	205	420
Asbestos ... 1,000 metric tons	25	35	86	------	------
Window glass ... 1,000 sq. meters	------	------	59,550	44,400	80,000
Textiles and wearing apparel:					
Cotton fabrics ... million meters	2,224	2,996	3,491	3,800	4,686
Woolen fabrics ... do	103	101	114	120	159
Linen fabrics ... do	------	177	272	150	190
Silk fabrics ... do	------	13	59	85	141
Hosiery ... million pr.	5	------	440	418	580
Knitted underwear ... million pieces	------	------	120	74	100
Knitted garments ... do	------	------	50	------	24
Boots and shoes, leather ... million pairs	8	49	213	205	240
Boots and shoes, rubber (including galoshes) ... do	28	42	------	65	89
Foodstuffs and related products:					
Meat ... 1,000 metric tons	------	------	1,140	1,182	1,300
Butter ... do		78	198	207	275
Margarine ... do	(8)	(8)	------	118	230
Vegetable oils ... do	264	363	------	724	880
Fish, catch ... do	1,018	956	1,560	1,467	2,200
Sugar, granulated ... do	1,347	1,283	2,520	2,150	2,400
Confectionery goods ... do	70	118	1,030	719	850
Salt ... do	2,100	------	------	4,300	5,000
Cigarettes ... billions	22	58	96	100	------
Soap ... 1,000 metric tons	200	[9] 248	[1] 495	747	870

[1] 1937.
[2] 1936.
[3] Output under Machine-Tool Ministry only, excluding output under other Ministries and by industrial cooperatives.
[4] 1937 plan.
[5] Deliveries to agriculture.
[6] 1928.
[7] 50,000 matches per case.
[8] No margarine produced until 1930. Production in 1930 was 6,339 tons.
Production by industrial cooperatives not included.

TRANSPORTATION AND COMMUNICATION

Rail, Water, Air, and Road Transportation

Item	1913	1929	1938	1940	1950 Plan
Freight turnover, total, (railroad, water and automobile) billion metric-ton-miles			[1] 267.2	300.0	408.6
Railroads:					
Total length of railroad lines — 1,000 miles	36.4	47.8	52.8	65.9	76.4
Electrified lines — do			0.6	1.2	4.5
Freight turnover — billion metric-ton-miles	40.9	70.2	230.2	257.9	330.6
Freight originated — million metric tons	132.4	187.6	516.3	592.6	770.0
Passengers carried — millions	184.8	365.2	1,177.8	1,343.0	2,000.0
Freight-car turn-around time — days	12.3	10.2	7.5	7.3	7.0
Daily carloadings, average — thousands	27.4	38.6	89.8	97.9	115.0
River transport:					
Waterways in use — 1,000 miles	44.7	46.0	56.3	66.5	71.5
Freight turnover — billion metric-ton-miles		11.4	19.9	22.2	30.6
Freight originated — million metric tons		23.2	66.6	73.7	91.5
Passengers carried — millions		20.7	68.1		70.0
Sea transport:					
Freight turnover — billion metric-ton-miles		6.5	20.9	14.4	81.6
Freight originated — million metric tons		8.8	30.4	29.2	
Passengers carried — millions		1.5	3.1		
Tonnage, total — 1,000 metric tons		335.6		1,300.0	1,700.0
Air transport:					
Length of lines (including overlapping lines) 1,000 miles		11.5	78.8	85.1	108.7
(excluding overlapping lines) — do		9.6	65.6		
Performance — million metric-ton-miles		0.2	19.7		
Freight originated — 1,000 metric tons		0.1	45.8		
Mail carried — do		0.1	10.7		
Passengers carried — thousands		9.3	305.0		
Automobile transport:					
Number of automobiles — do	8.8	[2] 18.7	760.0		
Freight turnover — billion metric-ton-miles			[3] 0.6	5.5	15.7

[1] 1937.
[2] 1928.
[3] 1935.

Posts, telegraphs and telephones, 1947.—Post offices, 51,000; telegraph stations, 31,500; telegrams sent (1946), 175,000,000; telephone instruments (estimated), 1,500,000.

Radio and television, 1947.—Radio: Broadcasting transmitters, 130; relay centers, 10,000; loudspeakers, 8,000,000; receiving sets (tube), 1,000,000; daily audience (average), 25 to 30 million persons. Television transmitting centers, 2.

FOREIGN TRADE

The U. S. S. R. has not published foreign trade statistics for any period since 1938. In the absence of more recent data, a table covering total trade of the U S. S. R. in rubles and dollars in the 1934–38 period and tables on imports for consumption, exports of U. S. S. R. products, and trade with principal countries, 1935–38, as they were reported in the 1939 Foreign Commerce Yearbook, are shown below. The figures are for imports for consumption and domestic exports (i.e., exports of products of the U. S. S. R.), and the totals exclude bullion and specie. Imports are valued c. i. f., and exports f. o b. port or frontier.

Tables on United States trade with the U. S. S. R. in 1938, 1946, and 1947 were prepared from basic United States trade statistics.

Value of Imports and Exports[1]

Year	Thousands of rubles		Thousands of dollars[2]	
	Imports	Exports	Imports	Exports
1934	232,426	418,345	200,514	360,906
1935	241,374	367,411	209,264	318,534
1936	1,352,535	1,359,104	270,507	271,821
1937	1,341,255	1,728,634	268,251	345,727
1938	1,422,882	1,331,927	284,576	266,385

[1] Figures exclude bullion and specie.
[2] Conversions into dollars have been made at the following rates: one former ruble equals $0.8627 in 1934 and $0.86697 in 1935; one new ruble equals $0.1887 in 1936, 1937 and 1938.

Trade with Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports for consumption				Domestic exports			
	1935	1936	1937	1938	1935	1936	1937	1938
Total	**209, 264**	**270, 507**	**268, 251**	**284, 576**	**318, 534**	**271, 821**	**345, 727**	**266, 385**
United States	25, 562	41, 805	48, 861	81, 172	23, 013	26, 018	26, 882	19, 358
Canada	1, 857	649	10, 987	6, 130	213	157	848	308
Argentina	766	1, 293	1, 421	845	1, 796	307	100	62
Belgium and Luxembourg	7, 926	9, 412	13, 464	12, 850	17, 707	17, 647	25, 915	23, 361
Czechoslovakia	5, 120	8, 644	2, 722	3, 884	1, 135	2, 049	3, 320	2, 646
Denmark	181	1, 736	21	1, 029	5, 577	3, 968	3, 376	5, 488
Finland	1, 196	727	767	688	3, 068	1, 525	1, 871	2, 163
France	15, 277	8, 423	5, 662	7, 879	15, 641	20, 591	17, 451	11, 940
Germany	18, 815	61, 693	40, 100	13, 439	57, 262	23, 325	21, 532	17, 665
Greece	769	429	478	295	5, 354	2, 630	2, 211	3, 469
Ireland	------	------	------	------	4, 242	1, 109	1, 798	4
Italy and colonies	4, 898	1, 167	841	11	10, 501	8, 403	3, 314	------
Lithuania	2, 356	2, 621	2, 125	2, 539	1, 457	2, 604	3, 166	2, 329
Netherlands	16, 928	14, 544	21, 060	20, 507	13, 982	10, 773	22, 378	18, 570
Norway	1, 582	451	641	1, 977	2, 161	1, 937	3, 517	4, 325
Poland	2, 269	1, 733	893	292	2, 908	2, 914	2, 609	1, 564
Spain	94	563	4, 546	5, 279	2, 415	5, 986	18, 489	10, 496
Sweden	2, 777	3, 597	3, 482	5, 478	3, 780	4, 221	3, 884	2, 691
Switzerland	1, 870	2, 207	1, 441	2, 369	1, 753	888	1, 038	2, 436
United Kingdom	37, 611	40, 854	38, 398	48, 062	74, 580	72, 338	113, 229	75, 025
Afghanistan	3, 411	4, 407	3, 399	2, 743	3, 008	3, 255	3, 403	2, 953
China	15, 009	15, 155	15, 517	21, 928	18, 114	18, 664	21, 541	23, 975
Mongolia	6, 859	6, 424	6, 739	7, 702	10, 085	10, 087	13, 164	13, 908
India and Ceylon	------	------	------	191	2, 623	2, 670	1, 742	726
Iran	17, 936	18, 221	16, 956	12, 754	13, 578	12, 679	18, 346	11, 997
Japan and Taiwan	9, 425	12, 394	10, 875	3, 519	4, 764	5, 536	2, 349	1, 397
Turkey	3, 731	3, 612	5, 726	4, 548	7, 693	3, 915	6, 762	4, 549
Australia	3, 878	4, 994	6, 472	10, 171	8	10	6	1
Egypt	3	------	------	56	3, 946	2, 806	2, 479	2, 415
Other countries	7, 017	9, 116	11, 396	13, 941	16, 255	12, 896	12, 171	14, 653
Percent of total:								
United States	12. 2	15. 5	18. 2	28. 5	7. 2	9. 6	7. 8	7. 3
Czechoslovakia	2. 4	3. 2	1. 0	1. 4	. 4	. 8	1. 0	1. 0
France	7. 3	3. 1	2. 1	2. 8	4. 9	7. 6	5. 0	4. 5
Germany	9. 0	22. 8	14. 9	4. 7	18. 0	8. 5	6. 2	6. 6
United Kingdom	18. 0	15. 1	14. 3	16. 9	23. 4	26. 6	32. 8	28. 2
China	7. 2	5. 6	5. 8	7. 7	5. 7	6. 9	6. 2	9. 0
Iran	8. 6	6. 7	6. 7	4. 5	4. 3	4. 7	5. 3	4. 4

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1935	1936	1937	1938	1935	1936	1937	1938
Imports for consumption, total ... 1,000 long tons	**1,239**	**1,137**	**1,265**	**1,109**	**209,264**	**270,507**	**268,251**	**284,576**
Livestock ... long tons	93,680	101,763	87,635	97,163	8,111	10,948	9,194	10,698
Cattle ... number	116,377	131,916	141,855	--------	2,867	3,335	3,254	--------
Meat, game, poultry ... 1,000 lb	13,228	6,202	6,235	6,019	1,054	582	521	391
Sausage casings ... do	324	575	778	670	528	917	1,336	1,162
Herrings ... do	32,560	53,070	17,055	15,210	770	1,313	430	355
Fish, other ... do	18,276	13,858	15,117	14,339	2,213	1,610	792	375
Caviar ... do	1,056	708	619	644	1,266	1,069	291	226
Wheat ... 1,000 bu	548	224	--------	4,729	501	166	--------	5,309
Rice ... 1,000 lb	86,068	115,919	78,873	88,110	2,043	2,424	1,378	2,311
Fruits and nuts ... do	28,792	38,942	90,218	107,193	1,195	2,801	3,707	5,520
Cacao products ... do	10,298	15,715	24,582	32,529	647	1,090	2,525	2,058
Cacao beans ... do	10,229	15,571	24,566	--------	609	1,044	2,515	--------
Tea ... do	52,113	27,022	33,490	36,914	5,978	4,632	5,672	6,949
Furskins, raw or dressed ... do	1,431	1,744	1,563	1,105	4,773	6,127	4,706	2,541
Hides and skins ... do	44,831	42,188	35,944	38,521	5,713	5,705	5,722	5,585
Sheep and goat skins ... thousands	4,987	5,877	6,121	--------	2,245	2,330	3,061	--------
Leather ... 1,000 lb	3,073	5,635	2,734	3,261	1,320	2,635	1,374	1,272
Cotton, raw ... do	97,266	36,740	48,621	36,392	14,087	4,775	6,787	5,112
Vegetable fibers, other ... long tons	46,097	39,319	41,614	39,453	4,063	4,783	5,172	4,018
Wool and manufactures ... 1,000 lb	72,561	60,360	64,194	63,956	14,147	15,443	17,408	14,976
Wool, raw or washed ... do	70,396	57,082	64,080	--------	12,423	12,206	17,275	--------
Animal hair ... do	5,492	5,278	4,744	4,733	1,254	1,135	1,071	1,065
Rags ... long tons	8,385	8,743	9,342	9,931	2,060	2,402	3,572	3,395
Cork ... do	3,929	6,326	7,456	7,490	256	484	1,325	1,178
Rubber, crude ... 1,000 lb	84,164	69,366	68,235	60,065	12,295	12,097	15,484	10,046
Clover seed ... do	3,404	9,863	15,232	--------	522	1,629	2,749	--------
Petroleum products ... long tons	913	46,559	107,925	130,503	30	1,191	2,492	3,215
Abrasives ... do	1,730	2,589	1,177	1,359	982	1,555	1,134	1,267
Ores ... do	1,042	1,537	5,698	4,900	645	880	5,100	5,968
Iron and steel:								
Crude and alloys ... do	6,262	2,576	219	1,805	4,884	3,661	311	1,214
Structural shapes ... do	70,138	61,734	32,735	19,427	4,582	5,558	3,988	3,304
Sheets and plates ... do	160,971	154,499	150,485	71,024	7,514	8,750	10,195	6,292
Pipes and fittings ... do	38,143	36,251	28,636	23,677	5,985	4,703	5,016	5,109
Other kinds ... do	108,458	25,979	29,116	28,087	9,888	3,773	4,674	5,961
Nonferrous metals ... 1,000 lb	179,915	212,673	303,233	313,927	24,384	32,193	56,926	51,439
Copper, crude ... do	65,235	99,781	143,949	--------	5,232	10,238	22,346	--------
Tin ... do	16,376	21,649	27,573	--------	8,958	10,464	16,547	--------
Electric wire and cable ... do	1,918	17,855	15,600	26,063	243	1,628	1,810	3,529
Electrodes ... do	10,743	12,218	12,042	8,975	1,428	1,841	1,896	1,549
Machinery, electric ... long tons	1,086	4,800	2,911	3,571	2,419	8,361	6,640	6,957
Machinery, other ... do	32,273	99,921	70,921	71,986	31,003	80,555	54,172	76,097
Ships and boats ... do	29,399	21,468	28,623	34,104	7,787	6,010	4,282	7,376
Chemicals, medicines ... do	9,443	8,400	8,384	9,919	4,341	4,780	3,218	4,404
Coal-tar dyes ... 1,000 lb	600	595	204	357	1,808	1,950	731	1,172
Gums and resins ... do	5,919	11,856	9,065	12,132	1,138	1,971	1,519	1,989
Shellac ... do	3,168	8,622	6,711	--------	419	1,112	794	--------
Scientific instruments:								
Optical ... do	214	463	309	373	1,307	2,162	1,447	1,997
Other kinds ... do	825	2,057	1,034	994	1,756	3,556	2,390	2,426
All other merchandise	--------	--------	--------	--------	12,344	10,662	9,094	8,769

United States Exports to the U. S. S. R.—Continued

Commodity group and commodity	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousand dollars) 1938	Value (thousand dollars) 1946	Value (thousand dollars) 1947
Domestic exports—Continued						
Metals and manufactures, except machinery and vehicles—Continued						
Iron and steel-mill products—Continued						
Tinplate and terneplate..........do....	12, 677	8, 440	1, 515	775	457	90
Structural shapes..........do....	----------	2, 972	3, 642	----------	496	303
Strip, hoop, and band iron and steel, cold rolled, not containing alloy 1,000 lb..	21, 924	----------	9	989	----------	1
Tubular products and fittings 1,000 lb..	7, 208	132, 947	55, 994	839	6, 970	3, 697
Wire and manufactures..........do....	1, 224	32, 030	24, 527	266	4, 754	3, 778
Wire rope and cable, not insulated 1,000 lb..	----------	25, 409	23, 200	----------	3, 728	3, 521
Railway car wheels, tires and axles 1,000 lb..	686	11, 456	65, 053	37	669	3, 897
Iron and steel advanced manufactures.....	----------	----------	----------	1, 017	1, 605	942
Tools..........	----------	----------	----------	260	995	367
Alminum plates, sheets, bars, strips and rods..........1,000 lb..	1, 129	----------	----------	1, 120	----------	----------
Copper and manufactures..........do....	[6] 111	[6] 26, 836	[6] 1, 591	14	5, 622	496
Wire and cable insulated..........do....	(2)	26, 702	1, 357	(2)	5, 508	439
Ores and nonferrous metals and alloys used in the manufacture of iron and steel 1,000 lb..	6, 963	1	----------	2, 951	3	----------
Machinery and vehicles..........	----------	----------	----------	49, 442	169, 156	108, 973
Electrical machinery and apparatus..........	----------	----------	----------	3, 421	44, 056	19, 811
Generators, accessories and parts..........	----------	----------	----------	17	17, 320	2, 685
Welding sets..........number..	14	574	156	29	1, 508	335
Electric generating sets powered by Diesel engines..........number..	3	495	171	1	4, 019	1, 688
Batteries..........	----------	----------	----------	17	797	86
Transforming or converting apparatus number..	157	1, 373	2, 375	138	1, 434	3, 294
Transmission and distribution apparatus..........	----------	----------	----------	242	2, 329	3, 458
Motors, starters and controllers..........	----------	----------	----------	593	9, 667	4, 530
Electric locomotives, railway, mining and industrial..number..	----------	191	60	----------	2, 437	1, 198
Electric industrial refining and heat-treating furnaces and parts..........	----------	----------	----------	1, 510	2, 959	1, 352
Radio apparatus..........	----------	----------	----------	222	743	479
Industrial machinery..........	----------	----------	----------	40, 167	115, 943	81, 051
Steam locomotives..........number..	----------	290	38	----------	22, 000	1, 272
Internal combustion engines and parts..	----------	----------	----------	819	11, 223	3, 139
Gasoline locomotives..........number..	----------	53	----------	----------	467	----------
Diesel and Diesel-electric locomotives..........number..	----------	96	69	----------	2, 663	481
Construction equipment and parts..........	----------	----------	----------	93	1, 411	6, 295
Excavators..........number..	2	24	41	43	536	1, 619
Dredging machinery and parts..........	----------	----------	----------	----------	173	2, 095
Conveying equipment and parts..........	----------	----------	----------	46	3, 963	4, 379
Cranes..........number..	12	87	87	2	1, 757	2, 274
Hoists and winches..........do....	90	101	273	41	123	1, 476
Mining and quarrying machinery..........	----------	----------	----------	127	7, 352	4, 925
Well and refining machinery..........	----------	----------	----------	582	3, 060	9, 694
Petroleum and gas well drilling apparatus and parts..........	----------	----------	----------	231	2, 524	4, 922
Pumping equipment..........	----------	----------	----------	142	3, 443	3, 006
Power-driven metalworking machine tools and parts..........	----------	----------	----------	24, 216	34, 904	16, 277
Lathes..........number..	770	979	176	5, 022	9, 515	4, 476
Tapping, threading and automatic screw machines..........number..	377	117	20	1, 681	707	186
Milling machines..........do....	616	336	118	4, 957	2, 701	1, 988
Drilling machines..........do....	308	1, 774	180	1, 585	3, 173	1, 965
Planers..........do....	66	61	6	1, 368	1, 730	49
Grinding machines and parts..........	----------	----------	----------	6, 792	6, 431	3, 049
Horizontal boring, drilling and milling machines..........number..	(3)	71	10	(3)	3, 095	188
Power driven metalworking machines, other metalworking machinery, and parts..........	----------	----------	----------	10, 797	5, 548	7, 151

See footnotes at end of table.

United States Exports to the U. S. S. R.—Continued

Commodity group and commodity	Quantity			Value (thousand dollars)		
	1938	1946	1947	1938	1946	1947
Domestic exports—Continued						
Machinery and vehicles—Continued						
Industrial machinery—Continued						
Power driven metalworking machines, other metalworking machinery, and parts—Continued.						
Sheet and plate metalworking machines and parts	----	----	----	3, 220	1, 232	1, 808
Forging machinery and parts	----	----	----	1, 764	2, 210	2, 142
Rolling mill machinery and parts	----	----	----	3, 416	1, 202	380
Blowers and ventilating machinery and parts	----	----	----	27	1, 508	69
Ball bearings and parts, except balls	----	----	----	180	1, 029	186
Air compressors ... number	96	1, 040	614	899	1, 869	3, 797
Pipe valves with bodies of iron and steel ... number	(3)	13, 924	4, 303	(3)	2, 237	1, 256
Agricultural machinery and implements	----	----	----	6	1, 622	2, 666
Tractors and parts	----	----	----	5	1, 511	2, 150
Automobiles, parts and accessories	----	----	----	343	3, 666	1, 667
Motortrucks, busses and chassis, new ... number	29	147	160	80	842	1, 257
Engines, gasoline, carburetor type for replacement	----	----	----	(3)	1, 085	----
Parts for replacement, except spark plugs	----	----	----	195	724	287
Engines, motortruck and bus, for assembly ... number	----	2, 191	----	----	909	----
Aircraft, parts and accessories	----	----	----	5, 171	49	421
Merchant vessels ... number	2	10	7	180	1, 939	1, 241
Freight cars, over 10 ton capacity ... do	----	20	319	----	486	1, 843
Chemicals and related products	----	----	----	846	1, 947	1, 682
Medicinal and pharmaceutical preparations	----	----	----	5	1, 116	127
Soap, laundry ... 1,000 lb	----	2, 709	10, 699	----	212	1, 210
Miscellaneous	----	----	----	1, 129	16, 378	7, 169
Scientific and professional instruments, apparatus and supplies	----	----	----	639	2, 871	3, 040
Books, maps, pictures, and other printed matter	----	----	----	254	796	408
Household and personal effects	----	----	----	35	116	1, 038
Commodities exported for relief and charity [7]	----	----	----	----	11, 782	2, 174
Reexports, total	----	----	----	88	5, 851	375

[1] Export totals and commodity detail include lend-lease, relief, and commercial shipments. Figures for commodity detail represent domestic exports.
[2] Less than one-half the specified unit.
[3] Not available.
[4] Not shown separately.
[5] Barrel of 42 gallons.
[6] Excludes a small amount of "other copper manufactures."
[7] Mainly shipments by "private relief" organizations.

United States Imports [1] from the U. S. S. R.

Commodity	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousand dollars) 1938	Value (thousand dollars) 1946	Value (thousand dollars) 1947
Total imports	--------	--------	--------	**23,502**	**100,572**	**77,101**
Sausage casings — 1,000 lb.	199	244	251	397	827	853
Fish, fresh or frozen — do.	1,089	--------	--------	209	--------	--------
Caviar and other roe — do.	110	165	117	182	936	753
Crab meat, crab sauce, and crab paste — do.	1,817	(2)	--------	522	(2)	--------
Goat and kid skins — do.	--------	217	--------	--------	120	--------
Furs, undressed	--------	--------	--------	12,139	67,495	41,537
Coney and rabbit — 1,000 lb.	[3] 728	--------	222	124	--------	352
Ermine — thousands	226	488	278	313	1,968	753
Fitch — do.	586	209	286	577	1,068	746
Fox, other than silver and black — do.	198	890	568	1,556	5,393	2,330
Hare — do.	975	3,727	4,692	214	2,968	3,186
Kolinski — do.	133	401	273	299	3,944	1,082
Persian lamb and caracul — do.	[4] 976	2,339	1,971	[4] 6,705	26,768	17,946
Marmot — do.	343	2,375	1,656	532	6,681	2,683
Marten — do.	22	47	73	433	2,076	1,557
Mink — do.	14	18	40	62	224	310
Muskrat — do.	--------	1,668	1,424	--------	3,734	1,424
Sable — do.	1	27	24	55	2,970	1,502
Squirrel — do.	2,045	6,771	8,565	881	8,408	6,646
Furs, dressed	--------	--------	--------	258	218	282
Fur manufactures	--------	--------	--------	645	1,788	1,465
Bristles, sorted, bunched or prepared — 1,000 lb.	57	383	--------	99	1,178	--------
Drugs, herbs, leaves, roots, etc.	--------	--------	--------	311	144	446
Licorice root — 1,000 lb.	15,379	379	6,867	289	30	352
Essential or distilled oils	--------	--------	--------	75	646	73
Pine needle oil — pounds	60,083	69,831	28,800	44	161	73
Tobacco, cigarette leaf, unstemmed — 1,000 lb.	521	3,821	4,478	287	3,484	4,248
Hops — do.	--------	--------	297	--------	--------	241
Cotton linters — do.	6,523	10,641	21,043	130	1,338	1,937
Cotton waste — do.	1,659	6,167	11,119	9	703	889
Flax and hemp, unmanufactured — long tons	25	4,116	437	3	900	121
Flax, hemp, and ramie manufactures	--------	--------	--------	1,048	14	193
Wool, unmanufactured[5] — 1,000 lb.	--------	1,010	1,399	--------	1,020	961
Animal hair, unmanufactured — do.	1,326	2,428	1,724	290	758	448
Sulfite, wood pulp unbleached — short tons	--------	--------	4,928	--------	--------	459
Rags for paper stock — 1,000 lb.	6,716	178	81	394	20	4
Anthracite coal — short tons	200,000	--------	--------	1,125	--------	--------
Asbestos, unmanufactured — long tons	4,701	2,455	5,825	261	142	664
Diamonds, cut but not set — carats	32	4,796	11,814	5	1,002	918
Manganese ore[6] — 1,000 lb.	180,708	243,507	324,594	2,662	8,243	7,720
Chrome ore or chromite[7] — long tons	--------	47,670	121,447	--------	4,159	8,956
Platinum ingots, bars, sheets or plates, not less than ⅛ inch thick[8] — troy oz.	31,431	40,569	32,667	964	2,251	1,786
Iridium[9] — troy oz.	--------	3,921	2,725	--------	355	182
Osmium[10] — troy oz.	--------	2,086	1,412	--------	200	153
Palladium[11] — troy oz.	--------	60,581	57,563	--------	1,338	1,131
Arsenic trioxide — 1,000 lb.	--------	502	2,890	--------	19	158
Glycerin, crude — do.	4,758	--------	--------	374	--------	--------
Chloride potash — short tons	5,181	3,452	--------	147	103	--------
Equipment and supplies for outfitting and repairing vessels	--------	--------	--------	--------	12	53
Books, maps, pictures and other printed matter	--------	--------	--------	76	135	66
All other imports	--------	--------	--------	890	1,024	398

[1] Imports for consumption in 1938; general imports 1946 and 1947.
[2] Less than one-half the specified unit.
[3] Number, pounds not available in 1938.
[4] Includes some goat and kid skins in 1938; Persian lamb and caracul not available separately.
[5] Clean content.
[6] Manganese content.
[7] Chrome oxide content.
[8] Platinum content.
[9] Iridium content.
[10] Osmium content.
[11] Palladium content.

FINANCE

State Budget of the U. S. S. R., 1945–49 (Billions of Rubles)

Item	1945	1946	1947	1948	1949 (planned)
Revenue, total	302.0	325.4	385.2	408.4	455.2
From the national economy:					
Turnover tax	123.1	190.9	239.9	247.4	261.8
Deductions from profits	16.9	16.4	22.3	26.5	33.9
From the population:					
State loans and public savings	25.0	21.1	25.7	23.9	22.9
Direct taxation	39.8	22.7	28.0	33.2	36.4
Expenditure, total	298.6	307.5	361.2	368.8	415.3
Financing the national economy	74.4	103.9	132.7	147.5	152.5
Industry	43.9	68.6	83.9	[1] 93.9	----------
Agriculture	9.1	12.3	16.8	20.5	32.7
Transportation	9.9	10.0	12.0	[1] 13.8	----------
Trade and procurement	2.2	3.2	4.2	[1] 4.2	----------
Social and cultural welfare	62.7	80.4	106.5	105.6	119.2
Education	26.4	38.1	[1] 52.4	[1] 59.1	60.8
Social security	17.8	17.6	[1] 20.6	[1] 22.6	21.4
Health and physical culture	11.5	13.8	[1] 18.9	[1] 20.5	21.6
Armed forces	128.2	72.6	66.4	66.3	79.0
Administration and courts	9.2	11.6	13.0	13.1	13.7
National debt charges	5.2	5.2	6.5	[1] 3.5	----------

[1] Planned figures; actual figures not available.

NOTE.—Except where otherwise indicated, the figures for the years 1945–48 are those of actual revenue and expenditure; the figures for 1949 are those of the budget as approved by the Supreme Soviet on March 14, 1949.

Currency and Exchange.—Currency unit, the ruble. One ruble equals 100 kopecks. Ten rubles equal one chervonets. Par, since June 1937, 5.3 rubles to one U. S. dollar. Diplomatic rate, in effect for foreign representatives resident in the U. S. S. R. on a permanent basis, 8 rubles to one dollar.

Circulating medium—notes of central (state) bank, treasury notes, and subsidiary coins. No definite reserve against treasury notes; legal minimum against state bank notes, 25 percent in gold, precious metals, and stable foreign currency.

The ruble is an internal currency only. The transportation of Soviet domestic currency out of and into the U. S. S. R. has been prohibited since August 1, 1926.

UNITED KINGDOM

(See general explanatory note, p. vi)

AREA AND POPULATION

Area.—United Kingdom, 94,202 square miles (England, 50,327; Wales, 8,016; Scotland, 30,407; Northern Ireland, 5,452).

Population.—United Kingdom, census 1931, 44,790,000. Estimate, June 1940, 48,170,000 (England and Wales, 41,862,000; Scotland, 5,027,000; Northern Ireland, 1,281,000). Estimate, June 1947, 49,539,000 (England and Wales, 43,050,000; Scotland, 5,139,000; Northern Ireland, 1,350,000; estimate, June 1948, 50,033,000 (England and Wales, 43,502,000; Scotland, 5,169,000; Northern Ireland, 1,362,000). (From 1940, estimates for Northern Ireland are for civilians only, but those for England, Wales, and Scotland refer to the total population including members of the forces serving overseas and merchant seamen at sea.)

Population development of Greater London: 1901, 6,581,402; 1911, 7,251,358; 1921, 7,480,000; 1931, 8,204,000; 1946 (midyear estimate, civilians only), 7,878,000. Other large cities, 1946 estimate (civilians only): Birmingham, 1,063,000; Glasgow, 1,061,000; Liverpool, 739,000; Manchester, 672,000; Sheffield, 501,000; Leeds, 484,000; Edinburgh, 463,000; Belfast, 445,000; Bristol, 444,000; Hull, 280,000; Bradford, 280,000.

Education.—Number of students, 1946 data: Grant-aided primary and secondary schools, England and Wales, 5,089,000; Scotland, 725,000; Northern Ireland, 204,789. Grant-aided special schools, England and Wales, 38,499; Scotland, 9,969; Northern Ireland, 542. Further education students (full and part time) 1945–46, England and Wales, 1,298,407; Scotland, 188,890 (continuation classes, central institutions and adult education classes); Northern Ireland, 1,934. University students, 1945–46, England, Wales, and Scotland, full and part time, 67,174.

AGRICULTURE

Area in Crops and Grassland [1] (Thousands of Acres)

Item	1938	1940	1942	1944	1946	1948
Total	**31,755**	**31,430**	**31,203**	**31,008**	**31,010**	31,082
Arable land	12,957	14,345	17,497	19,273	18,980	18,681
Permanent grass land	18,798	17,084	13,706	11,735	12,030	12,401

[1] Excluding holdings of one acre or less in Great Britain and of one quarter of an acre in Northern Ireland; excluding rough grazings.

Livestock and Poultry on Agricultural Holdings [1] (Thousands)

Year[2]	Cattle	Cows in milk[3]	Sheep	Pigs	Horses	Poultry
1938	8,762	3,835	26,775	4,383	1,101	74,246
1939	8,872	2,841	26,887	4,394	1,084	74,357
1940	9,093	2,849	26,319	4,105	1,056	71,340
1941	8,940	2,878	22,257	2,558	1,059	62,659
1942	9,075	2,809	21,506	2,143	1,012	57,811
1943	9,259	2,910	20,383	1,829	961	50,729
1944	9,501	2,927	20,107	1,867	917	55,157
1945	9,616	2,918	20,150	2,152	881	62,136
1946	9,629	2,919	20,358	1,955	833	67,117
1947	9,567	2,897	16,713	1,628	(4)	70,006
1948	9,803	2,933	18,154	2,150	(4)	85,325

[1] Excluding livestock on holdings of one acre or less in Great Britain and one quarter of an acre in Northern Ireland.
[2] As of June. [3] Included in cattle figures. [4] Not available.

Principal Crops: Area and Production
[Yearly averages and years]

Crop	Area (thousand acres)[1]					Production (thousand long tons)[1]				
	1935–38	1940–45	1946	1947	1948	1935–38	1940–45	1946	1947	1948[2]
Wheat	1,863	2,591	2,062	2,163	2,279	1,677	2,498	1,967	1,667	2,291
Barley	915	1,719	2,211	2,060	2,082	757	1,533	1,963	1,619	2,010
Oats	2,432	3,762	3,567	3,308	3,335	1,975	3,159	2,903	2,508	2,897
Potatoes	723	1,244	1,423	1,330	1,547	4,818	8,752	10,166	7,760	12,188
Turnips and swedes	801	818	757	725	666	10,958	12,073	10,935	9,250	9,671
Mangolds	234	278	304	272	281	4,221	5,449	6,282	4,342	5,622
Sugar beets	345	395	436	395	413	2,907	3,540	4,522	2,960	4,158
Hops	18	19	21	22	23	13	14	14	14	(3)
Flax for fiber	24	128	53	31	35	48	248	104	56	66
Fruit	310	301	311	313	314	4 452	572	704	1,007	741
Vegetables	4 278	423	559	553	576	4 2,370	3,166	3,008	2,708	3,339
Hay (temporary grassland)	1,953	2,236	2,902	2,963	2,723	2,711	3,172	4,096	4,141	3,982
Hay (permanent grassland)	4,946	3,424	2,599	2,899	2,961	5,136	3,470	2,732	3,089	3,052

[1] Excluding holdings of one acre or less in Great Britain and one quarter of an acre in Northern Ireland.
[2] Preliminary data.
[3] Not available.
[4] 1936–38 average.

MINING AND MANUFACTURING

Interim Index of Industrial Production[1] [2]
[Average 1946 = 100]

Year, quarter, and month	All industries	Mining and quarrying[3]	Manufacturing industries						Building and contracting[3] [4]	Gas, electricity, and water
			Total	Chemicals	Metals, engineering, and vehicles	Textiles and clothing	Food, drink, and tobacco	Other		
1946:										
1st quarter	94	100	93	96	93	96	103	87	80	110
2d quarter	98	100	99	99	98	99	103	97	99	92
3d quarter	98	94	99	100	98	99	95	102	106	87
4th quarter	109	105	109	109	111	106	99	114	115	110
1947:										
1st quarter	96	101	96	91	98	94	89	101	84	118
2d quarter	109	103	111	106	113	110	105	128	113	94
3d quarter	109	95	110	105	112	108	103	127	122	89
4th quarter	119	110	120	117	126	116	109	143	125	112
1948:										
January	119	113	120	123	123	117	103	148	111	122
February	123	113	124	123	130	127	102	160	122	126
March	119	106	121	117	127	118	107	157	116	110
April	124	114	125	123	131	127	107	152	128	107
May	117	107	119	114	123	115	110	148	124	100
June	124	113	127	119	134	124	111	150	127	97
July	112	96	114	113	119	112	104	130	121	91
August	110	95	112	113	111	109	108	129	118	93
September	124	111	128	124	136	126	104	145	125	100
October (provisional)	127	116	128	(5)	(5)	(5)	(5)	(5)	136	111

[1] There is no general comparison available of industrial production levels between the present and prewar years. This interim index has been prepared to provide an over-all measure of monthly changes in total industrial production (including supplies and equipment for the Armed Forces). It is subject to revision in the light of the results of the Partial Census of Production for 1946 and the complete Census of Production for 1948.

The index is based on about 400 industrial production series, almost all of which represent physical quantities produced. Mining, manufacturing, building, and public utilities are included; but transport, distribution, commerce, and services are excluded. It covers all types of production, whether for the home market, for export, or for the Armed Forces. The level of production in each month is expressed as a percentage of the average monthly production in 1946.

[2] Adjusted for variations in the number of days (excluding Sundays) in each month.

[3] Open-cast coal production is included in building and contracting.

[4] The figures for this group are particularly liable to revision as more data become available. There are special difficulties in expressing as a single index the amount of work done in the many branches of the building and contracting industries. The figures for 1946 are less reliable than those for subsequent periods since the data available for 1946 were less complete.

[5] Not available.

Manufacturing Production

Product	1938	1939	1940	1941	1943	1945	1946	1947
Production of woven cloth:[1]								
Cotton million linear yards	(2)	(2)	(2)	2,150	1,793	1,539	1,626	1,622
Wholly rayon do	(2)	(2)	(2)	[3] 302.1	250.4	260.5	308.2	[3] 396.0
Woolen and worsted cloth million linear yards	(2)	(2)	(2)	(2)	[4] 236.4	193.1	223.2	231.4
Nitric acid 1,000 long tons	(2)	(2)	(2)	254.5	380.7	281.0	228.7	(2)
Sulfuric acid[5] do	994.8	1,119.6	1,196.4	1,200.0	1,250.4	1,216.1	1,328.1	1,333.2
Superphosphates do	424.8	450.0	580.7	648.1	802.4	906.6	962.2	1,010.4
Compound fertilizers do	(2)	(2)	(2)	803.0	1,061.5	1,157.9	1,313.5	1,385.7
Merchant shipbuilding:[6]								
All vessels, total number	267	201	172	240	237	238	283	(2)
All vessels, total 1,000 gross tons	1,030	630	801	1,192	1,201	743	987	948
Railway rolling stock:[7]								
Main line locomotives number	(2)	(2)	282	244	797	786	726	608
Industrial locomotives number	(2)	(2)	84	110	58	43	70	75
Coaches and rail motor vehicles number	(2)	(2)	(2)	(2)	(2)	434	887	1,346
Wagons do	(2)	(2)	(2)	(2)	(2)	27,751	39,354	38,115
Aircraft:[8]								
New do	(2)	(2)	(2)	(2)	(2)	71	644	751
Motor vehicles:[9]								
Passenger cars[10] do	[11] 341,000	(2)	1,949	5,117	1,649	16,938	219,162	287,004
Commercial vehicles[10] number	[11] 104,000	(2)	131,920	140,313	147,669	122,467	146,120	154,668
Motorcycles do	(2)	(2)	[11] 70,000	[11] 73,000	[11] 81,000	[11] 50,000	92,905	111,720
Agricultural machinery:								
Tractors, total[12] do	10,679	15,733	19,316	24,401	25,059	23,296	47,046	85,571
Mouldboard plows, total number	12,580	16,665	23,172	24,657	19,246	30,227	99,947	72,048
Disc harrows do	1,260	2,108	3,905	5,696	9,791	12,940	11,966	11,877
Cultivators or grubbers number	6,405	7,668	11,087	16,763	11,485	9,642	14,372	(2)
Mowing machines do	4,641	5,587	7,087	5,896	5,611	6,297	9,338	10,936
Potato spinners do	1,496	1,253	2,108	5,226	9,831	6,021	5,757	5,030
Milking machines do	(2)	(2)	(2)	(2)	5,623	4,807	6,014	7,813
Machine tools, metal-working[13] number	(2)	(2)	(2)	80,930	76,180	47,480	45,075	44,808
Beer million bulk barrels	25	26	25	29	30	33	31	30
Spirits million proof gallons[14]	29	26	9	6	2	15	12	17

[1] Figures for production of woolen and worsted cloth relate to calendar years; those for other cloth items relate to 52-week periods (53 weeks in 1943 for cotton and rayon).
[2] Not available.
[3] Including mixture fabrics.
[4] Year ended August.
[5] As 100 percent acid. Including, from 1941, acid made at Government factories.
[6] Before 1940, figures are from Lloyd's Register and relate to launchings in the United Kingdom and Eire.
[7] Production by private makers and railway companies.
[8] Deliveries. The figures exclude aircraft of military type except those produced for export. In the period from January 1945 to November 1948, inclusive, there were 512 conversions of military aircraft to civil types, in addition to the production as shown in the figures.
[9] Figures for 1940 are incomplete since all production was not controlled.
[10] Including chassis delivered as such by manufacturers.
[11] Estimated.
[12] Including motor hoes and self-propelled grass cutters (not lawn mowers).
[13] Valued over £50 each.
[14] Potable spirits distilled. The figures for the years 1940 to 1946 include spirits redistilled from imported spirits.

Mineral and Metal Production

Product	1938	1939	1940	1941	1943	1945	1946	1947
Coal ......million long tons..	226.99	231.34	224.30	206.34	198.92	182.77	190.06	196.92
Crude petroleum million gallons..	(1)	0.9	4.5	8.0	29.3	18.6	14.4	(1)
Crude shale oil.........do....	32.9	33.3	33.1	34.3	37.9	30.5	29.3	(1)
Refined petroleum products: Liquid.....million gallons..	460.1	469.7	335.1	220.7	242.9	308.6	552.3	(1)
Iron ore......1,000 long tons	11,859	14,486	17,702	18,974	18,494	14,175	12,173	10,868
Pig iron and blast furnace ferro-alloys.1,000 long tons..	6,761	7,980	8,205	7,393	7,187	7,107	7,761	7,644
Iron and steel scrap (receipts in steel works and foundries)......1,000 long tons..	5,304	6,396	6,524	6,620	7,783	7,005	7,441	7,540
Steel ingots and castings 1,000 long tons..	10,398	13,221	12,975	12,312	13,031	11,824	12,695	12,480
Semi-finished and finished iron and steel:								
Iron castings 1,000 long tons..	(1)	(1)	2,769	2,444	2,408	1,971	2,537	2,787
Steel billets, blooms and slabs...1,000 long tons..	6,775	(1)	(1)	(1)	6,160	5,876	6,890	(1)
Sheet bars and tinplate bars...1,000 long tons..	1,663	(1)	(1)	(1)	2,070	1,984	2,141	(1)
Light rolled products 1,000 long tons..	2,251	2,909	3,416	3,194	3,387	2,907	3,369	3,416
China clay.............do....	586	708	442	250	185	281	502	(1)

[1] Not available.

Electricity and gas.—The British Electricity Authority assumed control of the generation, transmission, and distribution of electricity on April 1, 1948, the effective date of the nationalization of Britain's electric utilities. Properties taken over include 170 generating stations and 600 distribution systems. Persons employed totaled 98,000.

Production and Sales of Electricity and Gas (Great Britain Only)

Item	1938	1939	1940	1941	1943	1945	1946	1947
Electricity generated, total million kilowatt-hours....	25,708	27,733	29,975	33,577	38,217	38,611	42,742	[1] 42,576
Authorized undertakings:								
Public authorities million kilowatt-hours..	13,143	14,340	15,971	17,977	20,225	20,702	23,027	(2)
Companies million kilowatt-hours..	11,229	12,069	12,802	14,383	16,726	16,582	18,226	(2)
Railway and transport authorities million kilowatt-hours..	1,336	1,324	1,203	1,217	1,266	1,327	1,489	(2)
Electricity sales[3].............do....	20,401	22,228	24,256	27,296	31,433	[4] 31,381	[4] 34,657	(2)
Gas production, total available million cubic feet..	349,171	352,072	343,440	370,123	395,699	428,220	[4] 470,114	486,200
Gas sales.............do....	322,086	321,348	312,567	328,758	362,628	390,078	[4] 429,699	(2)

[1] Calculated from weekly averages.
[2] Not available.
[3] Authorized electricity undertakings only. Figures are estimates based on representative samples of the returns made to the Electricity Commissioners.
[4] Provisional.

Number of Insured Workers Registered as Unemployed [1] (Thousands)

Date	Total	Males	Females	Date	Total	Males	Females
July 18, 1938	1,786.5	1,380.4	406.1	July 17, 1944	68.2	50.1	18.1
July 10, 1939	1,250.6	988.0	262.6	July 16, 1945	120.4	81.1	39.3
July 15, 1940[2]	755.1	467.7	287.4	July 15, 1946	391.9	291.7	100.2
July 14, 1941[3]	233.5	114.2	119.3	July 14, 1947	281.1	212.8	68.3
July 13, 1942	103.1	68.9	34.2	Jan. 12, 1948[3]	350.5	267.0	83.5
July 19, 1943	76.2	56.1	20.1	July 12, 1948[4]	307.8	236.3	71.5

[1] In addition to the number of insured unemployed shown in the table, there were uninsured persons, numbering 13,663, in the United Kingdom in January 1948 registered at Employment Exchanges as being in search of work.

[2] From July 1940, excluding men in attendance at Government Training Centers. The number so excluded at July 1940 was 7,000.

[3] Men and women in Great Britain classified as unsuitable for ordinary employment and disabled persons requiring employment under sheltered conditions have been excluded from July 1941 through December 1947. The number so excluded in July 1941 were 29,965 males and 2,683 females. The figures for January 1948 include about 8,000 males who had previously been excluded.

[4] Up to June 1948, inclusive, the figures relate only to unemployed persons insured under the Unemployment Insurance Acts. From July 1948 onward, when the National Insurance Act came into force, the figures include all unemployed persons on the registers of Employment Exchanges, with the exception of registered disabled persons who require employment under sheltered conditions. The effect of this change was to increase the figures for July 1948 by about 4,000 males and 7,000 females.

TRANSPORTATION AND COMMUNICATION

Surface transportation.—On January 1, 1948, all inland transportation in Great Britain became nationalized in accordance with the Transport Act of August 6, 1947. The following are under the control of the British Transport Commission: (1) The four main-line railways and their systems (the Great Western Railway; the London, Midland and Scottish Railway; the London and North Eastern Railway; and the Southern Railway); (2) the London Passenger Transport Board; and (3) the canals and inland waterways, together with the docks and harbors. The most important canals are the Manchester Ship Canal, Birmingham, Grand Union, Aire and Calder, Leeds and Liverpool, and the Bridgewater.

The tonnage carried on British canals and waterways has been as follows (millions of tons): 1938, 13.0; 1945, 10 1; 1946, 10.4; and 1947, 10.4.

Statistics of Railways (Great Britain only)

Item	1938	1939	1940–45 average	1946	1947
Length of line ... 1,000 miles	20.0	20.0	19.9	19.9	19.2
Length of single track ... do	52.4	52.3	52.2	52.6	52.0
Locomotives ... number	19,702	19,633	19,932	20,370	20,000
Passenger cars ... do	43,492	43,411	41,905	40,856	45,000
Freight cars[1] ... thousands	664	664	678	665	670
Passenger-train-miles ... millions	287.4	256.9	204.8	236.9	[3] 215.8
Freight-train-miles ... do	133.6	139.3	152.6	136.5	[3] 112.8
Passengers carried ... do	1,237.2	1,225.5	1,210.0	1,266.0	[3] 1,019.2
Freight carried ... million long tons	265.7	288.3	289.3	262.4	[3] 254.3
Traffic receipts[2] [4] ... 1,000 pounds sterling	191,880	204,256	335,816	355,732	350,428
Passenger service[2] ... do	104,312	102,076	164,372	201,188	194,844
Freight service[2] ... do	87,568	102,180	171,444	154,544	155,584

[1] Excluding privately owned cars.

[2] Calculated from weekly averages.

[3] Calculated from monthly averages.

[4] Main-line railways and London Passenger Transport Board.

Merchant Vessels on the United Kingdom Register [1] (End of year)

Item	1938	1939	1940–45 average	1946
Vessels, total .... number	13, 229	13, 303	12, 609	12, 581
Under 500 gross tons .... do	9, 491	9, 567	9, 198	9, 057
500-1,599 gross tons .... do	1, 138	1, 126	1, 045	1, 086
1,600 gross tons and over .... do	2, 600	2, 610	2, 366	2, 438
Capacity, total .... 1,000 gross tons	17, 733	18, 046	16, 719	17, 705
Under 500 gross tons .... do	1, 011	967	926	931
500-1, 599 gross tons .... do	1, 049	1, 038	952	955
1, 600 gross tons and over .... do	15, 673	16, 041	14, 841	15, 819

[1] Steam and motor vessels only. The figures for 1939 to 1946 include foreign and Dominion vessels on bareboat charter to or requisitioned by the United Kingdom. Sailing vessels and other craft not mechanically propelled totaled 3, 610 vessels (432, 000 gross tons) on December 31, 1946.

Capacity of Vessels Entering, by Flag (1,000 Net Registered Tons)

Country of flag	1938	1939	1940–45 average	1946	1947
United Kingdom	49, 976	45, 353	[1] 23, 754	[1] 32, 945	(²)
Germany	7, 455	4, 077	62	15	(²)
France	5, 362	4, 438	757	700	(²)
Norway	5, 747	4, 919	2, 812	2, 463	(²)
Netherlands	5, 615	5, 101	1, 628	1, 683	(²)
Sweden	2, 877	2, 506	504	2, 490	(²)
Denmark	[3] 3, 048	[3] 3, 182	455	1, 213	(²)
United States	3, 145	2, 426	7, 056	6, 565	(²)
Total capacity entered[4]	91, 880	80, 198	39, 136	50, 372	[5] 54, 348
With cargo	68, 373	57, 948	27, 729	33, 933	[5] 42, 708
In ballast[6]	23, 507	22, 250	11, 407	16, 439	[5] 11, 640

[1] Including tonnage of foreign vessels transferred temporarily to the British flag.
[2] Not available.
[3] Including Icelandic tonnage, which in 1940 amounted to 110, 000 net registered tons.
[4] Includes the tonnage under the flags shown together with the countries not separately set out.
[5] Calculated from monthly averages.
[6] The large proportion of vessels recorded as entering in ballast is partly due to the fact that many vessels proceeding to or from continental ports touch at British ports to receive or discharge passengers but not cargo, and these are treated as in ballast.

Civil aviation.—Civil aviation in the United Kingdom was nationalized by the Civil Aviation Act, 1946, which provided for control by the Ministry of Civil Aviation of the three existing corporations. Each corporation is a separate entity and is responsible for air transport in a certain area. British Overseas Airways flies the Commonwealth and North Atlantic routes; British European Airways services the domestic routes and the European routes formerly belonging to BOAC; British South American Airways, the smallest corporation, flies the Central and South American routes. The Ministry of Civil Aviation and the Air Ministry now operate in the United Kingdom 100 airports for commercial flying.

Regular Services Operated by United Kingdom Air Lines [1]

Item and unit	1938	1939	1940–44 average	1945	1946[1]	1947[1]
Aircraft stage flights:						
Number	95, 100	86, 000	35, 860	67, 100	89, 700	(²)
Average length .... miles	150	160	326	460	372	(²)
Aircraft miles flown .... thousands	14, 331	13, 370	12, 169	30, 625	33, 021	39, 528
Revenue passengers carried .... do	222	210	117	260	424	587
Revenue passenger-miles flown .... do	56, 348	66, 577	110, 473	322, 769	362, 719	441, 144
Cargo carried, total .... tons	5, 980	4, 858	4, 884	10, 011	6, 773	8, 053
Freight .... do	2, 527	2, 017	3, 006	7, 232	4, 082	5, 051
Mail .... do	3, 453	2, 841	1, 878	2, 779	2, 691	3, 002
Ton-miles, total .... thousands	16, 232	16, 450	20, 279	54, 891	48, 761	59, 052
Passenger .... do	5, 146	6, 207	10, 645	31, 298	33, 885	40, 608
Freight .... do	1, 025	999	6, 151	17, 518	7, 844	10, 200
Mail .... do	10, 061	9, 244	3, 483	6, 075	7, 032	8, 244

[1] Includes associated companies on the Commonwealth routes except in 1946 and 1947, for which years figures are not yet available. In 1945 these companies flew 2,594,000 aircraft miles, performing 20,868,000 passenger-miles and 1,600,000 freight and mail ton-miles.
[2] Not available.

Postal, Telegraph, and Telephone Statistics (Years Ended March 31)

Item and unit	1938–39	1939–40	1940–41	1941–42	1942–43	1943–44	1944–45	1945–46
Postal service:								
Pieces of mail.................millions..	8, 488	7, 665	6, 518	6, 427	6, 685	6, 868	6, 930	6, 975
Money orders issued......thousands..	17, 155	17, 793	19, 320	23, 277	22, 188	23, 592	22, 272	22, 281
Postal orders issued..............do....	418, 520	194, 187	204, 376	194, 710	192, 170	194, 370	198, 075	212, 987
Telegraphs:								
Length of wire (single)[1] thousand miles..	15, 299	(2)	17, 669	18, 918	20, 289	21, 629	23, 189	23, 851
Messages sent..................thousand..	59, 310	63, 857	61, 438	66, 934	75, 697	70, 303	70, 974	75, 381
Telegraph instruments......number..	9, 993	11, 032	13, 002	14, 240	16, 845	18, 674	19, 282	18, 682
Telephones:								
Telephone calls...............millions..	2, 237	2, 215	2, 092	2, 035	2, 103	2, 151	2, 228	2, 358
Number of instruments....thousand..	3, 236	3, 339	3, 311	3, 316	3, 536	3, 764	3, 889	3, 957
Telephone exchanges.........number..	5, 715	5, 744	5, 769	5, 787	5, 774	5, 776	5, 774	5, 786

[1] Telegraph and telephone wire. [2] Not available.

FOREIGN TRADE

Per capita trade.—1947: General imports, $146.00; exports including reexports, $97.45.

Basis of trade statistics.—Statistics relate to Great Britain, Northern Ireland, and the Isle of Man. Both quantities and values are based on declarations; import values c. i. f., exports f. o. b. British port. Country of consignment for imports and exports. Transshipments under bond are excluded. Gold and silver bullion and coin are excluded from totals. Diamonds and other precious stones are included insofar as they are declared on entries, but the great bulk is not so declared. Trade under Lend-lease, Reciprocal Aid, and Mutual Aid is included. Export figures include exports of relief and rehabilitation supplies. 1947 import figures include imports of German reparation goods; exclude fissionable materials.

Value figures have been converted to dollars from pounds sterling at the following rates: 1934, $5.0393; 1935, $4.9018; 1936, $4.9709; 1937, $4.9440; 1938, $4.8894; 1939, $4.4354; and 1940–1947, $4.0300.

Value of Imports and Exports

Year	Merchandise						Bullion and coin[1]	
	Thousands of pounds sterling			Thousands of dollars			Thousands of pounds sterling	
	General imports	Exports including reexports	Domestic exports	General imports	Exports including reexports	Domestic exports	Imports	Exports
1934	731, 414	447, 229	395, 986	3, 685, 813	2, 253, 720	1, 995, 490	284, 670	141, 261
1935	756, 041	481, 137	425, 834	3, 705, 960	2, 358, 438	2, 087, 355	284, 598	228, 922
1936	847, 752	501, 374	440, 605	4, 214, 090	2, 492, 279	2, 190, 203	331, 352	104, 682
1937	1, 027, 824	596, 525	521, 391	5, 081, 564	2, 949, 220	2, 577, 760	315, 342	225, 375
1938	919, 509	532, 280	470, 755	4, 495, 847	2, 602, 530	2, 301, 711	257, 732	331, 619
1939	885, 513	485, 569	439, 536	3, 927, 602	2, 153, 694	1, 949, 517	180, 802	502, 471
1940	1, 152, 121	437, 143	411, 161	4, 643, 048	1, 761, 687	1, 656, 978	61, 539	691, 641
1941	1, 145, 108	378, 096	365, 379	4, 614, 784	1, 523, 726	1, 472, 476	8, 963	10, 122
1942	1, 206, 163	401, 941	391, 362	4, 860, 838	1, 619, 821	1, 577, 189	60, 990	1, 784
1943	1, 886, 096	350, 830	337, 461	7, 600, 966	1, 413, 843	1, 359, 968	46, 081	20, 525
1944	2, 362, 181	346, 580	328, 338	9, 519, 588	1, 396, 717	1, 323, 200	189, 757	53, 319
1945	1, 516, 899	485, 670	434, 527	6, 113, 101	1, 957, 249	1, 751, 143	27, 547	5, 082
1946	1, 301, 019	964, 968	914, 699	5, 243, 108	3, 888, 819	3, 686, 237	130, 329	16, 318
1947[2]	1, 794, 540	1, 198, 075	1, 138, 236	7, 231, 998	4, 828, 242	4, 587, 090	(3)	(3)

[1] The value of gold and silver coin is the commodity or market value; prior to 1938, however, it is the face or currency value.
[2] Figures are provisional.
[3] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Exports including reexports			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Total, excluding bullion and coin	**5,081,564**	**4,495,847**	**5,243,108**	**7,231,998**	**2,949,220**	**2,602,530**	**3,888,819**	**4,828,242**
United States	564,137	576,854	925,180	1,197,437	209,307	140,607	159,871	247,130
Argentina	295,829	188,099	268,628	526,198	100,816	96,395	84,424	140,971
Australia	354,644	351,263	271,449	391,403	189,232	190,414	223,558	291,601
Belgian Congo	[2] 1,352	[2] 691	[2] 42,636	[2] 34,049	2,704	2,111	11,931	12,408
Belgium	112,234	91,066	59,041	142,230	84,152	61,865	123,427	148,106
Brazil	41,825	37,459	89,346	95,614	35,614	25,995	48,280	70,282
Burma	31,870	29,213	3,234	14,544	16,211	13,087	34,753	82,555
Canada	439,263	384,837	789,514	940,077	142,435	115,235	134,639	179,070
Canary Islands	10,926	11,084	17,246	35,343	2,051	1,536	2,354	3,609
Ceylon	57,395	60,623	122,349	91,162	19,837	17,417	30,230	46,698
Channel Islands	22,081	22,837	28,722	40,681	32,122	29,805	39,449	54,335
Chile	46,316	38,465	28,699	36,304	9,581	8,152	11,079	15,095
China	40,783	31,338	10,868	[3] 28,904	29,545	20,278	31,658	[3] 51,682
Cuba	22,346	23,644	82,610	162,177	7,059	4,212	4,611	6,951
Czechoslovakia	35,990	33,949	2,188	25,013	15,728	13,879	32,164	41,328
Denmark (including Faroe Islands)	180,800	185,150	84,048	109,204	86,860	80,025	201,127	108,801
Dominican Republic	5,270	7,078	32,789	40,435	720	450	426	977
Egypt	70,866	56,778	61,459	59,852	39,679	43,360	95,532	89,709
Finland	110,927	94,242	59,104	121,724	31,444	28,604	31,453	41,312
France	126,694	115,232	57,254	126,472	148,486	114,091	156,176	117,673
Germany	178,568	147,355	25,878	77,720	142,794	130,582	95,355	112,840
Gold Coast	[2] 17,816	[2] 11,823	[2] 26,571	[2] 46,337	28,822	19,667	29,624	41,059
Greece	10,505	9,585	5,473	27,992	15,671	18,912	26,016	33,221
Hong Kong	4,624	4,901	1,581	8,416	17,029	19,462	24,394	51,700
India, Pakistan, etc.	287,973	244,173	277,931	381,792	179,681	167,701	323,745	371,159
Iran	51,598	44,360	84,679	64,663	16,479	27,029	48,306	64,279
Iraq	18,338	13,324	8,137	13,064	12,783	12,035	43,178	58,468
Ireland	104,230	112,285	149,320	141,548	135,034	127,049	175,388	239,957
Italy (including Trieste)	38,264	34,824	76,778	101,070	27,559	30,112	45,260	36,916
Jamaica	25,690	22,568	30,178	40,593	9,910	10,018	9,921	14,439
Japan	[4] 58,419	[4] 45,048	[4] 232	20,937	[4] 23,372	[4] 10,321	[4] 28	282
Kenya	12,119	10,576	10,100	15,150	13,419	13,374	26,565	36,828
Malaya[5]	64,790	59,522	107,006	119,996	58,064	55,063	82,167	122,143
Netherlands	158,259	143,281	46,923	105,442	84,464	72,353	144,004	132,923
Netherlands Antilles	81,907	71,651	103,077	139,474	1,588	3,271	15,478	11,219
New Zealand	246,631	229,144	299,821	362,671	101,614	95,327	112,528	174,609
Nigeria	46,521	30,591	102,878	145,930	38,561	22,077	46,661	62,474
Northern Rhodesia	33,013	19,995	33,604	62,841	5,114	6,217	6,051	7,884
Norway	57,221	53,880	28,980	58,183	46,051	38,288	76,280	121,042
Palestine	[6] 15,423	[6] 15,313	[6] 22,815	52,609	[6] 9,591	[6] 7,738	[6] 68,878	70,867
Poland and Danzig	53,564	46,612	373	5,877	37,708	36,552	45,899	40,702
Portugal	21,317	17,889	33,840	30,346	17,131	15,777	40,531	46,505
Southern Rhodesia	11,062	11,268	25,879	27,967	14,772	17,864	30,403	39,735
Spain	42,073	27,750	51,395	60,206	16,862	20,315	26,865	26,150
Sweden	129,487	119,997	130,449	170,081	69,085	62,723	90,796	123,764
Switzerland	36,173	36,065	12,612	27,423	28,443	20,837	43,778	75,838
Trinidad and Tobago	20,640	21,817	35,090	39,585	12,904	12,503	16,004	21,047
Turkey	7,976	4,737	17,919	23,151	7,754	12,285	25,353	46,498
Union of South Africa (excluding South West Africa)	[2] 88,569	[2] 71,531	[2] 61,572	[2] 105,816	208,608	196,205	304,074	371,384
Uruguay	19,850	19,282	31,366	25,969	11,620	10,990	13,257	16,432
U. S. S. R.	143,991	95,337	20,192	30,372	96,432	85,110	44,773	58,140
Venezuela	5,253	6,647	18,506	19,591	8,881	7,141	19,150	32,508
Other countries	418,152	352,814	325,589	460,363	247,837	210,114	330,967	414,937
Percent of total:								
United States	11.1	12.8	17.6	16.6	7.1	5.4	4.1	5.1
Argentina	5.8	4.2	5.1	7.3	3.4	3.7	2.2	2.9
Australia	7.0	7.8	5.2	5.4	6.4	7.3	5.7	6.0
Canada	8.6	8.6	15.1	13.0	4.8	4.4	3.5	3.7
India	5.7	5.4	5.3	5.3	6.1	6.4	8.3	7.7
New Zealand	4.9	5.1	5.7	5.0	3.4	3.7	2.9	3.6
Union of South Africa (excluding South West Africa)	1.7	1.6	1.2	1.5	7.1	7.5	7.8	7.7

[1] Figures are provisional.
[2] Excludes the value of diamonds; see introductory note.
[3] Includes Manchuria.
[4] Includes Taiwan (Formosa).
[5] Singapore and the Malayan Union; included Labuan prior to 1947.
[6] Includes Transjordan.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
General imports, total, excluding bullion and coin					**5,081,564**	**4,495,847**	**5,243,108**	**7,231,998**
Cattle, live, for food ... number	650,049	646,680	402,964	392,280	31,015	40,946	46,779	48,093
Meats:								
Beef, chilled or frozen ... 1,000 lb.	1,297,385	1,288,660	875,309	1,108,114	104,584	107,165	136,919	161,639
Beef, canned, other than extracts and essences ... do.	121,252	121,369	356,099	314,694	17,006	16,571	81,635	75,508
Mutton and lamb, fresh, chilled or frozen ... do.	763,542	774,243	921,227	955,269	93,778	94,322	130,876	144,957
Pork, fresh, chilled or frozen ... do.	124,502	136,384	178,921	[2] 32,128	16,805	18,629	35,586	[2] 6,671
Bacon ... do.	775,717	769,206	392,271	295,065	144,794	151,185	92,702	84,409
Poultry, fresh, chilled or frozen ... do.	56,145	49,360	34,652	66,088	9,637	8,344	15,098	28,405
Other ... do.	312,540	328,650	281,318	369,836	43,815	47,154	70,022	91,770
Animal oils, fats, and greases (edible and inedible):								
Lard ... do.	164,768	161,383	79,647	34,515	20,508	15,314	14,761	11,995
Whale oil, unrefined ... do.	340,265	505,543	149,854	326,110	15,070	16,372	12,255	49,325
Other (excluding margarine) ... do.	219,684	221,316	110,710	[3] 152,293	12,861	11,233	13,379	[3] 39,549
Butter ... do.	1,054,779	1,066,006	473,388	484,367	234,162	248,739	150,510	172,931
Cheese ... do.	328,822	327,861	456,171	428,432	45,746	47,335	105,621	126,763
Milk, condensed ... do.	188,834	183,025	203,926	158,597	11,023	11,977	25,987	22,938
Milk, dried, unsweetened ... do.	32,737	39,805	82,509	113,037	2,915	3,475	15,614	17,613
Eggs, poultry, in the shell ... 1,000 doz.	247,417	276,977	81,330	115,615	51,631	60,504	37,425	54,243
Eggs, not in the shell ... 1,000 lb.	98,657	108,255	136,878	106,086	12,434	16,545	134,101	105,830
Fish ... do.	413,183	416,397	651,349	676,577	49,917	49,364	102,106	114,436
Hides and skins except furskins:								
Cattle ... do.	180,056	132,960	199,287	278,422	28,363	15,349	37,826	85,291
Other					27,928	17,558	27,137	41,454
Leather, dressed or undressed ... 1,000 lb.	78,462	58,489	46,587	59,294	45,711	29,189	39,975	62,904
Fur skins, undressed					68,145	56,242	45,202	33,970
Animals, live, not for food, including animals for breeding					14,981	16,225	28,794	31,135
Grains and preparations, for food:								
Barley ... 1,000 bu.	42,411	46,376	5,122	5,266	35,922	33,491	7,090	12,288
Corn ... do.	143,343	115,162	4,773	19,120	105,858	86,542	9,258	41,726
Wheat ... do.	180,803	189,703	125,894	156,575	246,430	188,866	267,138	368,163
Wheat meal and flour ... 1,000 cwt.	9,565	8,598	11,989	20,021	26,941	19,460	54,725	110,007
Other, including dried beans and peas ... 1,000 lb.	1,478,897	1,500,226	477,822	594,719	36,569	35,503	25,410	38,195
Feed for animals ... long tons	1,811,487	1,903,697	115,635	511,800	56,103	55,833	11,572	58,380
Vegetables, fresh:								
Tomatoes ... 1,000 lb.	304,100	321,062	215,940	425,967	21,911	22,653	34,943	68,080
Other ... do.	1,142,494	952,541	217,954	821,945	23,707	24,515	9,939	43,203
Fruit, fresh								
Apples ... do.	613,697	791.563	205,711	166,919	24,103	29,411	15,252	13,692
Bananas ... do.	731,997	683,170	227,473	234,882	25,198	23,734	23,031	20,198
Grapes ... do.	82,818	97,135	60,432	58,260	7,924	8,457	21,386	22,463
Oranges, tangerines, etc. ... do.	1,395,722	1,205,709	596,257	922,908	38,061	36,627	42,813	70,017
Pears ... do.	124,724	151,009	103,101	234,467	7,141	7,590	14,405	28,424
Other ... do.	365,318	379,660	183,019	377,091	16,485	16,314	22,114	48,688

Fruit, tinned or bottled in syrup ... 1,000 lb.	409,755	447,667	71,050	189,089	29,460	30,729	7,595	24,751
Nuts, fresh, except peanuts ... do.	148,919	157,716	58,256	71,595	15,854	14,823	19,402	18,217
Raisins ... do.	154,263	187,027	182,391	164,691	12,268	13,742	21,707	23,691
Cocoa, raw ... do.	212,530	294,595	280,045	239,061	22,476	16,077	23,687	53,096
Tea ... do.	487,424	526,714	396,710	389,244	146,508	150,562	141,985	180,744
Coffee, raw ... do.	41,464	44,930	74,549	99,296	6,287	6,829	13,235	22,806
Sugar, unrefined ... do.	4,963,650	5,306,241	3,290,583	4,193,936	98,857	92,280	149,336	238,387
Molasses and invert sugar, etc. ... do.	1,104,332	1,272,504	530,995	1,077,685	7,653	8,588	9,104	18,148
Rum, including imitation ... 1,000 pf. gal.	2,596	2,382	9,202	11,129	1,687	1,514	11,828	17,979
Beer ... 1,000 gal[4]	56,700	38,678	40,199	39,517	19,063	12,816	15,854	16,559
Wines ... 1,000 gal.	21,600	19,097	10,181	13,227	30,264	26,017	29,539	41,491
Rubber, crude ... 1,000 lb.	304,507	376,705	631,359	488,279	59,300	55,205	162,215	108,337
Gums and resins, natural ... do.	240,044	218,987	185,455	280,911	13,218	9,420	24,759	43,822
Oilseeds, nuts and kernels for oil:								
Copra ... do.	176,960	254,625	106,257	285,716	6,484	6,614	6,829	22,599
Peanuts ... do.	605,629	731,111	966,815	669,267	19,362	17,536	47,608	35,308
Palm kernels ... do.	334,535	299,022	798,455	813,026	10,093	6,500	28,189	48,408
Other ... do.	2,516,741	2,365,268	482,899	368,605	50,579	41,125	24,542	27,276
Vegetable oils and fats other than essential oils:								
Coconut oil, unrefined ... do.	54,280	79,865	40,755	136,403	3,293	2,967	4,423	17,965
Palm oil, unrefined ... do.	233,412	294,491	257,450	340,816	11,312	9,301	14,081	31,473
Linseed oil ... do.	83,910	42,184	134,714	250,275	4,294	1,916	21,342	77,189
Other (excluding margarine) ... do.	107,540	95,375	55,836	118,583	10,259	7,723	9,796	40,365
Seeds for sowing ... do.	59,642	64,626	53,401	65,052	4,502	5,151	12,172	18,682
Tobacco, unmanufactured ... do.	267,460	344,858	432,732	295,621	85,603	111,051	271,860	186,696
Textile fibers and manufactures (except apparel):								
Cotton, raw (except linters) ... do.	1,660,110	1,206,783	803,526	714,278	231,524	138,722	175,712	210,354
Cotton piece goods, woven ... 1,000 sq. yd.	[5] 50,493	51,502	10,834	155,104	[5] 8,133	8,079	4,831	54,698
Wool, sheep's and lambs', raw ... 1,000 lb.	782,988	881,325	475,327	620,585	245,491	200,447	152,034	241,324
Woolen and worsted yarns and manufactures (except embroidery) ...	...	...	...	...	20,909	18,766	17,463	32,110
Silk and artificial silk yarns and manufactures ...	...	...	...	...	28,299	24,184	9,077	34,546
Flax and flax tow ... long tons	56,110	57,567	22,508	31,519	21,585	20,189	18,206	27,500
Jute, raw ... do.	192,579	195,515	81,557	66,066	18,426	18,236	14,722	22,246
Jute piece goods ... 1,000 sq. yd.	181,361	207,798	252,855	254,357	7,080	7,734	21,120	32,603
Hemp and hemp tow ... long tons	102,553	87,064	83,922	89,769	15,316	9,880	18,738	28,178
Other ...	...	...	...	...	65,815	55,225	58,643	93,320
Apparel (not of fur) and footwear ...	...	...	...	...	53,780	52,914	9,842	24,565
Wood, hewn, sawn and planed (including veneers and staves) ...	...	...	...	...	305,402	209,522	222,208	457,750
Plywood, including laminboard, blockboard and batten board ... 1,000 cu. ft.	15,810	10,862	7,667	9,226	24,573	16,403	27,782	49,429
Wood pulp for paper making ... long tons[6]	1,793,651	1,617,961	815,403	[7] 862,028	67,676	69,613	68,293	[7] 110,209
Paper, cardboard, etc.:								
Newsprint in rolls ... 1,000 lb.	1,053,110	999,815	233,169	274,366	20,232	20,519	11,399	14,283
Other ... do.	1,872,373	1,398,565	497,019	838,645	64,799	52,049	36,485	73,502
Petroleum, crude ... 1,000 bbl.	15,077	16,240	15,372	17,610	24,678	25,315	38,934	52,968
Gasoline ... do.	38,608	41,652	34,387	34,214	125,725	121,086	124,801	154,865
Kerosene ... 1,000 bbl.	6,244	5,901	11,478	9,306	16,671	14,690	37,329	38,376
Gas oil ... do.	3,993	4,516	13,995	12,106	9,040	10,393	42,795	46,632
Fuel oil and Diesel oil ... do.	20,071	19,654	29,949	22,577	35,808	32,126	80,358	73,457
Lubricating oil ... do.	3,454	3,094	2,544	2,433	22,602	19,332	21,173	27,283
Glass and glassware ...	...	...	...	...	20,521	17,594	2,084	17,432
Precious and semiprecious stones and pearls, unset (except unmounted diamonds drilled for use in wire-drawing dies) ...	...	...	...	...	1,524	500	35,001	10,830

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Ores and scrap:								
Iron ore and concentrates .... long tons	7,038,760	5,164,149	6,601,456	6,845,130	39,935	35,710	75,567	76,224
Iron and steel scrap and waste					22,644	18,817	6,304	5,335
Tin ore and concentrates .... long tons	50,935	55,492	47,152	39,348	36,339	27,998	37,336	37,468
Other, metalliferous					58,305	51,875	53,367	60,784
Iron and steel and manufactures:								
Ingots, blooms, billets, slabs, bars and rods .... long tons	890,181	549,541	407,972	[3] 337,152	36,621	24,683	26,143	[3] 26,861
Other .... do	1,142,922	791,139	91,471	179,665	61,297	46,221	11,546	33,426
Aluminum and aluminum alloys, in ingots, blocks, billets, etc. .... 1,000 lb	70,722	103,614	185,791	214,730	14,097	20,630	25,342	26,897
Copper ingots, slabs, bars, etc. .... do	875,130	794,450	651,488	810,255	113,230	76,123	82,799	165,415
Lead pigs, ingots, bars, etc. .... do	835,224	912,068	351,588	441,625	43,331	31,179	29,076	56,933
Tin blocks, ingots, bars and slabs .... do	48,100	26,307	1,420	515	27,252	10,560	932	384
Zinc ingots, bars, slabs, etc. .... do	395,748	369,710	123,054	333,135	20,571	11,735	11,333	36,042
Signal and communication devices[8]					7,616	4,946	17,948	3,138
Machinery:								
Machine tools .... long tons	31,591	23,854	8,306	[9] 14,900	30,713	24,294	12,762	[9] 18,703
Agricultural, including farm tractors[10] .... do	17,835	14,995	15,203	[9] 18,832	6,255	5,501	7,918	[9] 15,367
Other .... do	97,777	85,494	19,565	46,591	82,786	76,975	33,800	81,964
Vehicles (including locomotives, ships and aircraft) and parts					31,936	22,162	10,877	30,252
Chemicals, drugs, dyes and colors (manufactured):								
Potassium chloride .... 1,000 lb	149,450	199,730	504,387	709,209	2,214	2,869	12,353	17,546
Other[8]					66,298	62,004	59,338	90,131
Mineral phosphates of lime (crude fertilizer) .... long tons	445,887	410,454	872,851	907,711	3,650	3,261	17,919	15,507
Parcel post (not dutiable)					17,587	21,217	84,300	71,972
Other merchandise					459,420	416,350	346,644	563,847

[1] Figures are provisional. [2] Excludes "fresh." [3] Incomplete. [4] Gallon in terms of strength actually moving into consumption as distinguished from that reduced to legal equivalent for tax purposes. [5] Includes knitted, netted, and crocheted piece goods. [6] Air–dry weight. [7] Includes all wood pulp for industrial purposes. [8] Figures are not entirely comparable for all years. [9] Not completely comparable with figures for previous years. [10] Other tractors included in "Vehicles (including locomotives, ships and aircraft) and parts."

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Domestic exports, total, excluding bullion and coin					**2,577,760**	**2,301,711**	**3,686,237**	**4,587,090**
Fish, 1,000 lb.	450,115	490,738	111,720	[2] 134,527	18,467	18,923	10,855	[2] 14,618
Hides and skins, undressed					8,903	5,418	8,153	4,757
Leather, dressed or undressed, 1,000 lb.	32,495	22,584	18,214	13,611	22,117	15,910	18,794	22,882
Fur and other skins, dressed					10,266	8,835	7,251	5,133
Grain, other than for sowing, 1,000 lb.	31,477	22,513	369,497	60,465	858	556	19,243	3,163
Biscuits for human consumption, do.	21,580	13,094	48,466	34,768	4,236	3,273	8,632	8,887
Potatoes, fresh, do.	124,799	117,770	467,328	122,463	1,921	1,421	11,167	3,318
Animal and vegetable oils and fats (except essential)[3], do.	339,855	304,900	56,276	[2] 27,845	23,047	15,940	8,372	[2] 6,515
Cocoa preparations (powder, bars, blocks, confectionery), do.	53,639	46,711	67,400	65,909	4,242	3,973	8,371	9,859
Sugar refined (including candy), do.	729,147	811,017	358,672	610,450	12,551	12,847	18,645	41,242
Beverages:								
Beer, 1,000 gal[4]	14,732	12,160	8,103	4,742	7,049	5,588	8,676	4,588
Spirits, homemade, 1,000 pf. gal.	[5] 13,055	[5] 12,495	9,117	10,426	[5] 62,913	[5] 55,551	48,258	59,349
Rubber manufactures (excluding machinery belting, tires and tubes)					8,193	8,066	22,402	25,598
Seeds for sowing, 1,000 lb.	57,190	71,251	55,338	49,083	3,242	3,067	10,333	7,204
Cigarettes, do.	27,546	26,456	49,035	48,770	21,668	20,971	66,639	71,231
Textile fibers and manufactures (except apparel):								
Wool, sheep's and lambs', raw, do.	45,549	42,403	41,185	25,646	18,531	13,424	15,471	15,856
Wool waste and noils, do.	36,825	28,553	12,992	20,483	15,543	9,815	5,196	8,752
Wool rags, do.	58,303	50,677	31,327	23,282	10,765	7,383	5,218	5,244
Woolen and worsted yarns and manufactures (except embroidery):								
Wool tops, do.	40,181	32,460	28,955	38,499	22,890	15,223	19,609	32,884
Yarns, do.	41,379	34,679	15,418	14,469	33,185	26,057	24,099	25,386
Piece goods, woven, 1,000 sq. yd.	[6] 129,654	[6] 95,819	77,448	81,499	[6] 101,038	[6] 75,957	107,125	139,547
Other					18,414	13,865	24,926	35,942
Cotton yarns and manufactures (except embroidery and cordage):								
Yarns, 1,000 lb.	159,029	122,950	19,371	26,667	67,705	47,305	15,247	27,352
Finished thread, do.	15,993	13,502	14,873	10,781	20,264	17,098	36,255	31,272
Piece goods, woven, 1,000 sq. yd.	[6] 1,921,334	[6] 1,386,235	514,505	532,887	[6] 221,336	[6] 156,271	162,748	200,201
Lace and lace net					7,133	4,564	9,445	19,277
Other					22,269	17,671	30,920	35,668
Piece goods (except pile fabrics and ribbons) wholly of silk, 1,000 sq. yd.	2,353	1,909	3,394	959	1,991	1,648	10,682	2,894
Yarn, thread and straw, wholly of artificial silk or mixed with other materials, 1,000 lb.	14,096	7,966	16,599	15,280	5,835	3,283	15,734	16,787
Artificial silk piece goods (except ribbons), 1,000 sq. yd.	78,256	62,616	113,245	112,573	19,160	14,759	73,198	84,249
Linen and hemp manufactures (except embroidery and cordage):								
Piece goods, do.	83,115	51,790	39,448	46,066	25,437	17,348	35,049	48,961
Other					13,073	9,436	22,080	27,658
Cordage, cables, rope and twine of hemp, cotton or like materials, 1,000 lb.	49,833	45,554	50,584	42,692	7,491	6,158	12,015	14,314
Other					42,538	33,170	39,546	47,033
Apparel, not of fur					50,533	41,635	122,765	128,512
Linoleum, 1,000 sq. yd.	13,069	11,728	7,207	8,451	6,115	5,708	5,760	9,039
Footwear					10,751	9,596	20,230	27,215

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Paper, cardboard, etc.:								
Printing paper, not coated……1,000 lb..	272, 811	212, 176	76, 293	53, 946	12, 262	9, 552	9, 114	9, 276
Other……do....	218, 878	183, 051	179, 138	196, 862	27, 764	24, 333	48, 955	60, 026
Coal, excluding bunkers……1,000 long tons..	40, 338	35, 856	4, 454	1, 057	186, 159	182, 894	36, 515	10, 140
Coke and manufactured fuel, excluding bunkers……do....	3, 125	2, 327	497	72	20, 937	16, 095	4, 335	732
Petroleum, refined……1,000 bbl..	4, 121	3, 822	1, 148	2, 197	14, 943	13, 954	15, 733	20, 769
Cement, calcareous, ground for building and engineering purposes 1,000 long tons..	705	724	1, 102	861	5, 478	5, 888	15, 802	13, 266
Plate and sheet glass, other than spectacle glass……1,000 lb..	76, 768	75, 466	133, 080	143, 936	4, 528	3, 900	10, 704	12, 692
Pottery and other clay products……do....	448, 940	417, 616	386, 149	398, 996	20, 839	19, 743	43, 161	59, 524
Asbestos manufactures……do....	71, 973	80, 016	131, 554	222, 820	6, 328	5, 985	13, 634	18, 027
Iron and steel and manufactures:								
Ferroalloys……long tons..	13, 592	6, 762	59, 894	10, 824	4, 635	2, 672	8, 090	4, 784
Bars and rods……do....	169, 090	132, 282	322, 118	192, 301	15, 518	14, 209	39, 365	30, 872
Angles, shapes and sections……do....	76, 343	67, 405	130, 139	[2] 90, 342	3, 982	4, 111	10, 622	[2] 8, 097
Hoop and strip……do....	57, 822	37, 377	68, 917	40, 714	4, 288	3, 390	9, 078	6, 548
Plates and sheets……do....	1, 076, 967	686, 775	506, 507	[2] 442, 420	98, 252	69, 878	60, 070	[2] 66, 631
Tubes, pipes and fittings……do...	376, 287	311, 864	356, 396	349, 332	32, 971	31, 070	54, 198	57, 777
Railway and tramway construction material……do....	208, 125	158, 153	267, 951	160, 507	11, 593	10, 396	23, 268	16, 230
Wire and manufactures……do....	110, 815	84, 666	111, 275	96, 867	15, 972	13, 259	24, 390	26, 328
Rivets, screws, bolts, nuts and washers……do....	34, 008	28, 621	38, 359	35, 334	5, 219	5, 018	11, 672	12, 128
Other[7]……do....	452, 210	401, 969	381, 501	458, 337	47, 747	49, 846	81, 732	110, 796
Brass and other alloys of copper (except nickel alloys): scrap……1,000 lb..	65, 260	59, 058	58, 657	226, 229	5, 306	3, 596	6, 884	40, 195
Nonferrous metals and manufactures:								
Aluminum and aluminum alloys and manufactures……do....	22, 828	14, 168	62, 725	81, 419	6, 577	4, 749	20, 351	29, 141
Brass and other alloys of copper (other than nickel alloys) and manufactures……1,000 lb..	47, 702	48, 326	168, 429	110, 569	12, 578	11, 019	36, 658	35, 705
Copper and manufactures……do....	84, 919	72, 612	164, 091	154, 986	13, 638	9, 702	30, 354	40, 662
Nickel in blocks, ingots, cubes, pellets, flakes, etc……do....	27, 464	27, 527	9, 754	12, 080	10, 892	10, 809	3, 552	4, 480
Tin in blocks, ingots, bars and slabs……do....	33, 226	27, 509	46, 144	8, 756	18, 240	11, 593	30, 791	6, 298
Gold partly worked except goldsmiths' wares, jewelry, gold leaf and bullion……troy oz..	103	211	67, 150	430, 453	4	6	3, 068	18, 121
Other……	------	------	------	------	15, 693	12, 452	26, 855	28, 112
Cutlery……	------	------	------	------	5, 927	5, 336	16, 043	20, 055
Hardware other than hollow ware……1,000 lb..	30, 441	23, 744	22, 359	27, 564	9, 298	7, 714	12, 365	19, 441
Implements, tools and parts (except machine tools, electrically driven tools, and tool handles of wood) including cutting parts of tools and machinery……	------	------	------	------	17, 287	14, 988	39, 037	49, 537
Electrical goods and apparatus:								
Electric wires and cables, insulated……	------	------	------	------	21, 740	21, 115	43, 518	55, 337
Signal and communication devices:								
Radio receiving sets (excluding tubes), domestic……number..	[8] 68, 669	[8] 84, 639	[8] 345, 034	406, 508	[8] 1, 885	[8] 2, 157	[8] 13, 372	18, 581
Telegraph and telephone apparatus……	------	------	------	------	10, 440	14, 241	19, 995	[9] 27, 023
Other……	------	------	------	------	6, 290	6, 621	[9] 16, 497	[9] 22, 245
Storage batteries and parts……	------	------	------	------	2, 952	2, 854	8, 413	11, 679
Electric cooking and heating apparatus……	------	------	------	------	1, 688	1, 799	5, 122	10, 783
Other……	------	------	------	------	16, 994	16, 880	43, 024	53, 319

Machinery:								
Electrical .... long tons	34,496	44,645	44,459	69,461	28,106	38,598	53,025	89,585
Boilers and boiler-house plant .... do	54,485	55,968	52,940	78,670	15,405	18,888	27,638	45,541
Internal combustion engines and parts (not for vehicles) .... do	28,607	24,974	30,018	37,875	17,338	16,599	30,552	47,359
Excavating .... do	3,408	5,776	9,059	14,314	1,799	3,328	6,712	11,838
Cranes, hoists, etc .... do	15,827	19,212	31,364	38,305	5,706	7,810	16,891	24,563
Mining .... do	23,042	25,591	13,369	[10] 14,715	10,159	11,263	9,381	[10] 10,632
Pumps .... do	7,766	8,229	11,493	14,306	6,281	7,634	12,717	19,220
Machine tools .... do	11,897	24,122	35,439	[10] 54,503	10,637	21,872	38,599	[10] 60,032
Portable power tools and parts .... do	[11] 356	[11] 570	[11] 1,435	2,354	[11] 1,402	[11] 1,688	[11] 4,076	8,655
Textile and sewing .... do	89,913	82,485	59,804	90,465	49,108	47,277	67,057	108,524
Refrigerating .... do	3,322	2,830	4,150	6,918	2,280	1,938	4,568	8,294
Office .... do	1,078	987	1,594	1,962	3,465	3,118	7,311	9,532
Printing, bookbinding, etc .... do	5,835	4,139	4,848	8,872	6,375	5,078	8,576	16,435
Agricultural:								
Tractors and parts[12] .... do	17,826	10,013	23,221	30,219	5,123	3,039	13,666	20,833
Other .... do	10,740	8,584	31,931	27,535	3,830	3,255	13,692	15,292
Belting of all materials .... do	4,467	3,515	4,277	4,608	5,429	4,266	11,549	13,313
Vacuum cleaners and parts .... do	521	665	1,319	3,347	1,315	1,564	4,152	9,777
Other .... do	124,466	136,958	148,731	201,053	72,163	85,722	132,275	208,561
Vehicles (including locomotives, ships and aircraft) and parts:								
Aircraft and parts (except magnetos)	....	....	....	....	18,165	26,440	58,916	100,809
Rail vehicles and parts .... long tons	97,020	127,711	269,798	180,656	28,468	36,814	86,207	73,234
Passenger cars, new .... number	53,580	44,123	69,806	125,631	31,709	26,825	70,931	143,664
Motor trucks, busses, electric trolley busses, fire engines, etc.:								
New .... do	3,815	3,384	24,731	23,839	5,236	8,018	34,893	37,179
Used .... do	137	77	8,705	5,988	89	43	10,657	10,643
Chassis with engines:								
Passenger car .... do	24,455	24,089	16,609	17,262	9,400	8,731	9,763	9,665
Motor truck, bus, etc .... do	16,614	10,889	22,983	25,554	13,701	10,968	41,180	54,536
Parts and accessories (including chassis without engines) for passenger cars, motor trucks, etc.[13 14]	....	....	....	....	15,179	14,878	28,138	43,358
Motorcycles, parts and accessories[13 14]	....	....	....	....	6,482	5,314	15,267	20,268
Cycles (not motorized) parts and accessories	....	....	....	....	22,369	15,499	38,499	57,741
Rubber tires and tubes, pneumatic, for road vehicles .... thousands	8,177	6,020	4,327	6,252	19,034	15,956	30,004	30,914
Ships and boats, new	....	....	....	....	20,138	41,516	23,055	75,883
Other[13]	....	....	....	....	6,378	6,534	15,932	19,415
Coal tar and coal-tar pitch .... long tons	700,132	494,154	288,459	402,476	6,842	4,895	7,005	11,416
Chemicals, drugs, dyes and colors (manufactured):								
Ammonium sulphate .... do	311,771	313,393	277,925	246,375	9,480	10,039	15,333	15,980
Sodium compounds .... 1,000 lb	1,044,509	798,613	1,089,481	580,800	15,921	14,259	26,645	20,697
Coal-tar products, miscellaneous	....	....	....	....	8,673	6,575	7,683	12,406
Disinfectants, insecticides, etc .... 1,000 lb	45,364	42,280	94,795	83,145	4,099	3,844	14,672	13,780
Drugs and medicines	....	....	....	....	16,688	16,042	51,613	58,684
Dyes and dyestuffs .... 1,000 lb	45,336	33,089	47,821	44,823	8,514	6,877	25,470	30,663
Paints, varnishes, painters' and printers' colors and materials, miscellaneous	....	....	....	....	20,316	17,642	30,407	34,971
Other	....	....	....	....	38,193	32,584	94,502	84,547

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Plastic materials (other than casein, celluloid and like materials)....1,000 lb..	8,112	6,058	28,938	31,252	1,605	1,254	11,888	12,670
Perfumery and toilet preparations (excluding perfumed spirits, essential oils and soap)					6,170	5,662	14,954	13,286
Photographic goods					[15] 7,162	[15] 6,780	16,207	22,003
Musical instruments					[16] 5,071	[16] 4,401	[16] 9,753	12,176
Toys, complete					2,154	2,212	8,332	11,918
Arms, ammunition, military and naval stores					22,188	30,654	26,051	48,210
Books and other printed matter except music....1,000 lb..	71,104	68,642	25,557	30,900	19,922	19,292	15,639	18,782
Pictures, prints, engravings and photographs					10,324	11,498	13,449	16,979
Jewelry and goldsmiths' and silversmiths' wares (except watch cases)					4,645	3,929	12,092	22,589
Curios					3,821	2,275	9,882	6,590
Parcel post (goods not exported on drawback)[17]					61,708	58,758	101,291	143,844
Other merchandise					193,481	170,229	261,144	261,860
Reexports, excluding bullion and coin					371,461	300,819	202,583	241,152

1 Figures are provisional.
2 Incomplete.
3 Excludes margarine and cocoa butter.
4 Gallon in terms of beer of strength actually moving into consumption.
5 Includes ethyl alcohol for industrial purposes.
6 Includes knitted, netted and crocheted piece goods.
7 Includes steel transmission chains for road vehicles.
8 Excludes radio-phonographs, which are included under "Musical instruments."
9 Not completely comparable with previous years.
10 Excludes portable power tools.
11 "Pneumatic tools and parts."
12 Tractors, other than agricultural, included in "Vehicles (including locomotives, ships and aircraft) and parts."
13 Excludes steel transmission chains, batteries, magnetos, electric bulbs, ball and roller bearings, separately consigned.
14 Spark plugs for motorcycles included with "Parts and accessories for passenger cars, motortrucks, etc."
15 Excludes lenses.
16 Includes radio-phonographs.
17 Includes reexports.

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
General imports from the United States, total, excluding bullion and coin	---	---	---	---	**564,137**	**576,854**	**925,180**	**1,197,437**
Meats:								
Beef, chilled or frozen ... 1,000 lb	2,778	3,542	90,940	[2] 111,931	317	541	21,666	[2] 26,856
Pork, chilled or frozen ... do	2,431	6,887	44,195	1,699	464	1,119	11,651	538
Hams ... do	34,897	44,253	2,138	(3)	7,202	8,596	534	(3)
Other ... do	19,337	27,057	69,413	14,901	4,597	6,179	18,650	4,330
Bladders, casings and sausage skins ... do	4,340	5,402	869	4,549	2,682	2,478	783	6,785
Lard ... do	74,416	123,282	67,638	26,435	9,073	11,663	11,986	8,456
Milk, condensed, unsweetened ... do	816	974	154,545	91,066	52	70	19,923	12,935
Milk, dried, unsweetened ... do	612	6,218	63,920	[4] 72,247	34	339	12,385	[4] 10,904
Cheese ... do	(3)	1	110,140	134,427	(3)	1	36,799	58,473
Eggs, dried, whole ... do	(3)	---	78,891	58,784	(3)	---	100,820	80,475
Eggs, liquid or frozen ... do	84	940	15,530	(3)	20	186	5,336	(3)
Salmon, canned ... do	28,554	33,530	38,788	48,414	5,236	5,664	10,983	18,985
Cattle hides, wet ... do	574	964	22,071	17,391	76	69	3,918	4,177
Fur skins, undressed, except rabbit ... do	1,799	1,549	1,205	1,062	10,640	8,462	11,106	10,505
Barley ... 1,000 bu	5,669	6,349	(5)	(3)	6,464	5,927	(5)	(3)
Corn ... do	794	46,418	---	4,809	621	34,845	---	9,939
Wheat ... do	6,518	29,503	14,046	12,936	8,341	32,974	41,019	37,825
Wheat meal and flour ... 1,000 cwt	121	443	1,100	2,952	372	1,100	5,914	18,970
Peas and beans, dried (excluding lentils and split peas) ... 1,000 lb	[2] 2,322	725	64,270	90,678	[2] 75	17	5,260	9,500
Fruit, fresh:								
Oranges, tangerines, etc ... do	3,045	170,063	303	521	118	6,357	42	72
Apples ... do	146,952	174,579	6,093	68,414	5,676	6,258	494	5,389
Pears ... do	52,706	88,276	19,217	57,043	3,192	4,244	2,701	7,741
Fruit, dried or otherwise preserved without sugar:								
Plums, prunes, prunellos, and dried apricots ... do	36,452	46,607	73,357	68,515	2,595	2,791	10,797	11,581
Raisins ... do	55,478	57,000	50,795	54,350	3,668	3,278	7,181	9,125
Fruit, tinned or bottled in syrup ... do	187,730	226,106	15,134	(3)	15,543	17,206	2,028	(3)
Fruit juice, unfermented, not containing spirit ... 1,000 gal	736	826	448	1,845	458	569	2,216	5,400
Rubber, synthetic ... 1,000 lb	(3)	5	35,988	3,537	(3)	4	6,815	1,235
Rosin ... do	96,789	98,083	51,481	119,979	3,657	2,524	3,884	11,740
Seeds for sowing ... do	[2] 3,718	4,642	11,091	13,568	[2] 376	457	2,163	4,793
Tobacco, unmanufactured ... do	203,349	256,716	365,798	201,235	69,519	86,161	232,170	124,467
Starch and preparations, inedible ... do	[2] 10,258	101,007	25,454	71,945	[2] 289	1,942	1,476	4,241
Cotton raw (except linters) ... do	765,275	443,805	116,629	[2] 193,907	97,139	46,233	33,027	[2] 65,540
Cotton linters ... do	47,965	39,903	1,801	46,885	2,612	1,618	176	4,918
Cotton piece goods, woven, gray, unbleached ... 1,000 sq. yd	[6] 25	456	1,109	40,713	[6] 7	90	408	15,496
Cotton yarns and manufactures (except embroidery), other	---	---	---	---	279	770	255	9,649
Apparel (not of fur) and footwear	---	---	---	---	4,314	5,504	2,416	3,028
Wood, hewn, sawn, and planed (including veneers and staves)	---	---	---	---	26,519	17,958	16,242	73,131
Plywood, including laminboard, blockboard and batten board ... 1,000 cu ft	[2] 545	278	2,143	2,372	[2] 939	462	10,325	17,749
Paper, cardboard, etc ... 1,000 lb	37,304	63,597	10,073	55,958	2,750	3,001	1,876	5,658
Gasoline ... 1,000 bbl	4,943	8,993	10,909	13,826	15,757	25,007	37,940	62,301

See footnotes at end of table.

Principal Imports From the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Kerosene ... 1,000 bbl	1,287	1,653	3,273	1,473	3,460	4,126	10,277	5,900
Gas oil ... do	410	1,127	9,910	6,894	1,080	2,842	30,446	26,505
Fuel oil and Diesel oil ... do	1,788	1,810	3,070	896	3,988	4,115	9,702	3,157
Lubricating oil ... do	2,434	2,449	1,809	1,894	16,851	15,300	17,523	23,900
Paraffin wax ... 1,000 lb	56,310	49,877	58,781	45,137	1,995	1,509	3,991	4,496
Sulfur ... long tons	101,548	101,798	246,349	304,441	2,149	2,167	7,414	9,585
Iron ore and scrap	----	----	----	----	17,289	16,270	16	6
Iron and steel and manufactures:								
Pig iron ... long tons	[2] 210,141	61,854	----	(3)	[2] 6,453	1,412	----	(3)
Ingots of iron and steel other than alloy steel ... do	----	6,995	38,871	88,341	----	195	2,344	6,401
Blooms, billets and slabs of steel other than alloy steel ... do	34,361	60,174	172,612	89,011	1,468	2,184	11,393	7,684
Other ... do	70,781	71,669	24,205	25,533	7,169	6,676	2,936	6,203
Nonferrous metalliferous ores and scrap	----	----	----	----	5,839	4,031	1,528	2,461
Nonferrous metals and manufactures:								
Copper, unwrought, electrolytic ... 1,000 lb	102,605	82,629	7,894	128,220	14,539	8,290	1,010	29,988
Zinc ingots, bars, slabs, etc ... do	226	1,380	34,823	129,226	8	43	3,150	13,740
Other	----	----	----	----	4,121	4,583	4,421	10,061
Cutlery, hardware, implements and instruments	----	----	----	----	9,817	8,147	4,221	7,113
Electrical goods and apparatus	----	----	----	----	5,073	4,413	2,389	4,312
Machinery:								
Machine tools ... long tons	14,735	11,692	6,990	[7] 6,709	17,047	12,647	10,903	[7] 13,611
Textile ... do	[2] 1,698	830	663	2,505	[2] 2,018	1,260	1,131	5,246
Office machinery and parts ... do	1,160	814	341	(3)	6,782	4,643	4,191	(3)
Other, including agricultural tractors[8] ... do	34,203	28,140	16,398	39,570	32,275	28,921	22,241	65,489
Vehicles (including locomotives, ships, and aircraft) and parts:								
Passenger cars, new, complete ... number	7,073	3,596	42	(3)	6,487	3,466	81	(3)
Other	----	----	----	----	12,180	8,994	5,031	12,730
Chemicals, drugs, dyes and colors (manufactured):								
Carbon blacks, from natural gas ... 1,000 lb	51,487	43,236	72,158	84,261	3,226	2,506	6,704	8,708
Other	----	----	----	----	10,029	11,353	11,607	28,397
Books and other printed matter except music ... 1,000 lb	20,740	25,415	4,165	10,857	3,579	4,165	2,091	6,192
Celluloid and like material ... do	(3)	2,319	4,258	6,096	2,822	2,637	5,150	6,811
Plastic materials (other than casein, celluloid, etc.) ... do	[2] 2,200	1,264	1,592	17,916	[2] 421	271	638	7,827
Parcel post (not dutiable)	----	----	----	----	2,641	3,151	10,991	15,363
Other merchandise	----	----	----	----	51,658	53,873	38,295	102,644

[1] Figures are provisional.
[2] Figure may be incomplete because of inadequate information on country of origin of all items of the group.
[3] Not available.
[4] Includes buttermilk and whey powder.
[5] Less than one-half the unit.
[6] Includes knitted, netted and crocheted piece goods.
[7] Figure not completely comparable with figures for previous years.
[8] Other tractors included in "Vehicles (including locomotives, ships, and aircraft) and parts."

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Domestic exports to the United States, total, excluding bullion and coin	----	----	----	----	**155,335**	**100,153**	**143,127**	**193,332**
Rabbit skins, undressed ... thousands	2,297	2,661	11,509	4,537	270	219	3,605	1,144
Leather and manufactures	----	----	----	----	6,741	3,526	2,897	3,529
Spirits, homemade, potable ... 1,000 pf. gal.	[2] 5,997	[2] 5,391	4,000	5,545	[2] 32,444	[2] 27,369	21,763	32,555
Wool, sheep's and lambs', raw ... 1,000 lb.	16,396	10,729	15,564	1,561	4,951	2,030	4,595	596
Wool noils ... do.	3,994	2,687	257	3,113	2,405	1,115	781	3,440
Silk, raw and waste, and artificial silk waste ... do.	[3] 3,537	11,845	2,381	1,407	[3] 657	2,259	587	424
Textile yarns and manufactures (except apparel):								
Cotton:								
Yarns ... do.	1,306	580	214	535	1,297	602	560	1,518
Piece goods, woven ... 1,000 sq. yd.	[4] 13,450	[4] 8,674	6,522	7,635	[4] 3,679	[4] 2,167	2,905	3,942
Other (except embroidery)	----	----	----	----	2,711	1,058	1,556	[5] 1,603
Linen and hemp:								
Piece goods ... 1,000 sq. yd.	32,707	12,915	16,320	10,885	7,685	3,330	12,394	8,878
Damask table linen	----	----	----	----	2,224	1,405	2,575	3,220
Jute piece goods ... 1,000 sq. yd.	76,658	44,248	16,495	10,765	3,696	2,133	1,855	1,570
Woolen and worsted piece goods, woven[6] ... do.	[4] 7,986	[4] 4,797	3,329	4,538	[4] 7,872	[4] 4,073	5,394	8,213
Floor coverings of wool ... do.	(7)	45	122	191	(7)	109	548	933
Silk and artificial silk	----	----	----	----	[8] 1,167	863	881	1,074
Other	----	----	----	----	5,677	3,838	5,983	[9] 6,054
Apparel (not of fur) and footwear	----	----	----	----	5,018	2,970	4,621	6,306
Paper-making materials ... long tons	21,535	14,334	8,697	2,889	1,488	897	904	376
Paper, cardboard, etc ... 1,000 lb.	3,570	2,683	4,131	4,515	1,335	951	1,710	1,948
Coal, excluding bunkers ... long tons	108,630	134,563	----	(7)	866	1,162	----	(7)
China clay ... do.	132,180	74,412	83,284	82,551	1,230	748	1,024	1,204
China (including all pottery known as china or porcelain) except electrical ware ... 1,000 lb.	[10] 306	266	916	1,087	[10] 402	309	1,604	2,093
Earthenware (except bricks, tiles, chinaware, electrical ware, sanitary ware, stone ware, yellow and brown ware) ... 1,000 lb.	5,499	4,490	5,887	6,529	1,295	1,051	2,557	3,380
Nonferrous metalliferous ores and scrap ... long tons	(7)	1,907	22,027	90,241	309	274	4,531	35,262
Nonferrous metals and manufactures:								
Tin in blocks, ingots, bars and slabs ... 1,000 lb.	13,444	7,101	10,846	464	7,538	3,117	7,113	320
Other	----	----	----	----	1,206	513	2,388	5,539
Cutlery, hardware, implements and instruments	----	----	----	----	1,255	988	1,947	2,501
Machinery:								
Textile ... long tons	1,848	1,049	2,028	2,397	1,823	1,086	3,103	3,902
Tobacco and cigarette-making ... do.	622	263	577	527	1,244	550	1,981	1,924
Other ... do.	5,882	1,585	1,046	1,671	2,976	1,436	1,829	2,749
Vehicles (including locomotives, ships, and aircraft) and parts:								
Passenger cars, new, complete ... number	335	45	1,128	1,124	325	62	1,030	1,351
Cycles (not motorized), complete ... do.	4,223	3,964	55,756	19,336	69	63	1,420	563
Motorcycles, complete ... do.	(7)	114	9,044	10,232	(7)	31	1,915	2,834
Other (including tires and tubes)	----	----	----	----	481	631	953	2,614

See footnotes at end of table.

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Principal Exports to the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Chemicals, drugs, dyes, and colors (manufactured):								
Cresylic acid 1,000 gal.	1,473	1,016	2,463	[7]	987	542	2,202	[7]
Tar oil, creosote oil, anthracene oil and other heavy coal-tar oils, etc. do	25,906	27,003	[11] 4,082	35,975	2,665	2,638	[11] 564	5,576
Other					2,526	1,423	2,434	4,882
Books and other printed matter except music 1,000 lb.	4,315	3,887	1,731	1,975	2,517	2,155	1,700	2,117
Pictures, prints, etc.					2,252	981	1,571	[7]
Goldsmiths' and silversmiths' wares (except watch cases) of metals other than gold, silver, or platinum					557	388	1,348	1,083
Curios					3,238	1,771	8,147	4,719
Parcel post (goods not exported on drawback)[12]					4,192	3,636	4,675	5,565
Other merchandise					24,065	13,684	10,977	15,831
Reexports, excluding bullion and coin					53,972	40,455	16,744	53,798

[1] Figures are provisional.
[2] Includes ethyl alcohol for industrial purposes.
[3] Artificial silk waste only.
[4] Includes knitted, netted and crocheted piece goods.
[5] Excludes finished thread in lengths not exceeding 1,000 yards.
[6] Excludes pile fabrics, damasks, tapestries, brocades and the like, flannels, delaines and fabrics of mohair, alpaca, and cashmere.
[7] Not available.
[8] Excludes embroidery.
[9] Incomplete.
[10] Bone china only.
[11] Creosote oil only.
[12] Includes reexports.

FINANCE

Government Receipts and Expenditures, Actual, 1936–37 Through 1947–48; Budget, 1948–49 (Fiscal Years Ending March 31)

[Thousands of pounds sterling]

Item	1936–37	1937–38	1938–39	1940–41	1942–43	1944–45	1946–47	1947–48	1948–49
Receipts	896, 596	948, 660	1, 006, 235	1, 495, 284	2, 922, 374	3, 354, 663	3, 622, 745	4, 011, 342	3, 931, 500
Customs	211, 282	221, 561	226, 326	304, 939	459, 489	579, 352	620, 741	791, 101	820, 600
Excise	109, 500	113, 700	114, 200	224, 100	425, 300	496, 900	563, 500	629, 700	726, 550
Estate duties	87, 990	88, 980	77, 430	80, 777	93, 336	110, 888	148, 044	172, 029	160, 000
Income and surtax	310, 777	355, 046	398, 431	600, 056	1, 082, 186	1, 390, 374	1, 382, 497	1, 304, 131	1, 415, 150
Excess profits tax				72, 103	346, 887	477, 134	357, 498	288, 688	250, 000
All other taxes	63, 697	60, 508	58, 138	52, 699	44, 767	46, 754	88, 518	106, 103	106, 000
Posts, telegraphs and telephones (gross)[1]	82, 850	86, 550	88, 450	101, 740	119, 460	121, 420	140, 940	154, 500	161, 200
Interest and payments from sundry loans	4, 550	5, 230	5, 699	2, 553	4, 062	7, 520	26, 779	23, 044	14, 000
Miscellaneous receipts	24, 600	13, 510	12, 941	31, 132	90, 533	90, 037	78, 312	242, 604	68, 000
National defense contribution		1, 420	21, 890	24, 085	30, 635	33, 304			
Sales of surplus war stores							155, 996	197, 231	102, 000
Surplus receipts from certain trading services							59, 000	101, 261	57, 000
All other	1, 350	2, 155	2, 730	1, 100	[2] 225, 719	980	920	950	[3] 51, 000
Expenditures	902, 193	919, 874	1, 018, 949	3, 970, 705	5, 739, 890	6, 179, 505	4, 191, 868	3, 375, 961	3, 141, 879
Debt service[4]	224, 000	226, 777	230, 000	230, 000	325, 000	420, 000	498, 819	525, 000	500, 000
National defense[5]	186, 072	197, 250	272, 189	5	4	4	1, 653, 350	853, 850	692, 632
Votes of credit[6]				3, 220, 000	4, 840, 000	5, 125, 000			
Tax collection	13, 447	13, 692	14, 143	14, 788	18, 118	[7] 26, 208	[7] 27, 492	[7] 29, 963	29, 557
Other civil departments	367, 711	394, 073	409, 383	402, 320	437, 658	474, 406	1, 651, 630	1, 769, 060	1, 708, 613
Posts, telegraphs and telephones (gross)[8]	71, 880	76, 080	78, 950	86, 417	102, 523	116, 600	131, 000	143, 300	161, 077
Excess profits tax, postwar refunds (deducted from income tax)							150, 522	23, 183	16, 000
All other	[9] 39, 083	12, 002	14, 284	17, 175	16, 587	17, 287	79, 055	31, 605	34, 000

[1] Including net receipts from broadcasting receiving licenses (except in 1936–37).
[2] Including Canadian Government contribution of £224, 719, 000.
[3] Including special contribution of £50, 000, 000.
[4] Exclusive of expenditure for interest of the national debt met from receipts under various acts authorizing such application.
[5] Exclusive of amounts from issues under Defense Loans Act. Including expenditure on civil defense. Only token expenditures shown for war years.
[6] This item covers expenditures on national defense and of civil departments arising out of the war emergency.
[7] Including excess of Post Office expenditure over receipts.
[8] Including expenditure for broadcasting (except in 1936–37).
[9] Including expenditure on Road Fund of £27,427,000.

Public Debt (Millions of Pounds Sterling)

March 31—	Total debt[1]	Funded	Terminable annuities	Unfunded debt: Internal: Floating	Unfunded debt: Internal: Other	Unfunded debt: External[1]
1939	7,131	3,365	14	920	2,832	----------
1940	7,899	3,364	15	1,489	3,031	----------
1941	10,366	3,364	15	2,813	4,172	2
1942	13,041	3,364	14	3,312	6,240	110
1943	15,823	3,364	14	4,097	8,084	263
1944	18,562	3,364	14	4,933	9,996	255
1945	21,366	3,364	14	6,116	11,636	236
1946	23,637	3,422	14	6,487	13,345	369
1947	25,631	3,903	13	6,955	13,992	767

[1] Excluding external debt arising out of the War of 1914-18.

Bank of England Statistics (Average of Wednesdays)

[Millions of pounds sterling]

Quarter ended December 31	Issue Department[1]: Notes in circulation	Issue Department[1]: Notes in Banking Department	Issue Department[1]: Government securities[2]	Banking Department: Deposits: Total	Banking Department: Deposits: Public	Banking Department: Deposits: Bankers	Banking Department: Deposits: Other accounts	Banking Department: Securities: Total	Banking Department: Securities: Government	Banking Department: Securities: Discounts and advances	Banking Department: Securities: Other	Banking Department: Reserve of notes and coin
1938	489.5	46.1	208.9	157.5	21.7	99.7	36.2	128.0	92.8	13.4	21.8	47.3
1939	535.1	45.1	576.5	171.5	24.8	106.3	40.4	143.4	115.7	4.6	23.1	46.0
1940	599.7	30.6	626.6	184.5	19.0	114.0	51.5	170.9	145.1	4.2	21.6	31.3
1941	709.7	38.4	745.4	199.4	11.2	133.6	54.6	177.9	150.7	3.9	23.2	39.4
1942	874.1	33.0	904.4	202.9	7.9	146.7	48.3	186.5	161.9	3.1	21.4	34.2
1943	1,025.9	39.7	1,064.6	229.7	9.3	165.9	54.4	206.2	185.6	2.8	17.9	41.2
1944	1,188.4	27.2	1,214.6	257.4	8.8	193.7	54.9	245.7	224.0	6.5	15.1	29.4
1945	1,337.5	24.3	1,360.9	303.4	14.3	232.1	57.0	296.5	272.3	9.3	14.9	24.7
1946	1,375.9	35.9	1,410.7	347.6	12.4	279.7	55.5	328.6	292.3	17.1	19.2	37.0
1947	1,355.5	94.8	1,449.3	412.9	17.2	301.7	93.9	335.5	306.5	9.8	19.1	95.5

[1] Gold coin and bullion in the Issue Department has been negligible since September 1939 when practically the whole was transferred to H.M. Treasury. The holding on August 30, 1939, was £263.0 million (valued at 158s. 6d. per oz. fine). A maximum of £326.4 million (valued at 85s. 0d. per oz fine) was held from June 23, 1937, to January 4, 1939. Issue Department holdings of other securities and of coin other than gold coin are quite small. From 1935 the highest yearly averages have been: Other securities, £3.4 million (1940); silver coin, £1.8 million (1935).

[2] Including Government debt of £11.0 million.

Statistics for London Clearing Banks [1] (Millions of Pounds Sterling)

Quarter ended December 31	Total liabilities or assets	Liabilities: Paid up capital and reserves	Liabilities: Current accounts	Liabilities: Deposit and other accounts	Acceptances, endorsements, etc.	Assets[2]: Coin, notes and balances with Bank of England	Assets[2]: Balances with other banks etc.[3]	Assets[2]: Money at call and short notice	Assets[2]: Bills discounted	Assets[2]: Treasury deposit receipts	Assets[2]: Investments	Assets[2]: Advances to customers and other accounts
1938	2,522	139	1,249	1,004	129	237	61	152	264	-------	641	966
1939	2,630	139	1,333	1,038	119	258	80	158	325	-------	608	1,003
1940	2,974	140	1,692	1,029	112	293	103	145	326	243	746	921
1941	3,487	140	2,081	1,156	108	342	117	133	229	668	994	813
1942	3,742	140	2,326	1,182	92	369	127	138	236	814	1,115	770
1943	4,148	141	2,619	1,284	102	406	139	152	166	1,210	1,160	736
1944	4,675	143	2,948	1,481	102	471	142	198	171	1,593	1,176	742
1945	5,093	144	3,264	1,568	115	515	153	227	285	1,717	1,204	801
1946	5,855	146	3,673	1,855	179	543	198	356	527	1,606	1,413	971
1947	6,328	148	3,962	1,972	246	502	252	480	793	1,288	1,483	1,206

[1] In general, data show averages of balances on the last working day of December (11 banks).
[2] The only two important items not included are bank premises and investments in affiliated banks.
[3] Balances with, and checks in course of collection on, other banks in Great Britain and Ireland.

Currency Circulation (Millions of Pounds Sterling)

Quarter ended December 31	Notes and coin outstanding					Held by banks				Average estimated circulation with the public	
	Total	Bank of England notes[1]	Scottish bank notes[2]	Northern Irish bank notes[3]	Estimated coin[3]	Bank of England reserve[1]	Scottish banks[2]	Northern Irish banks[2]	London clearing banks[1 4]		*Index (1938=100)*
1938	643	535.7	23.8	5.4	78	47.3	23.9	3.5	120.0	448	100.4
1939[5]	695	580.2	26.3	6.1	82	46.0	27.1	4.0	135.1	483	108.3
1940	757	630.2	30.1	8.7	88	31.3	28.0	5.4	141.4	551	123.5
1941	893	748.1	37.5	12.3	95	39.4	35.3	7.8	142.8	668	149.8
1942	1,076	907.2	48.2	15.7	105	34.2	46.1	10.6	149.0	836	187.4
1943	1,253	1,065.6	56.4	16.2	115	41.2	54.4	12.7	146.2	999	224.0
1944	1,419	1,215.6	63.8	16.5	123	29.4	61.8	14.5	150.5	1,163	260.8
1945	1,575	1,361.8	66.0	15.9	131	24.7	68.5	14.7	146.9	1,320	296.0
1946	1,639	1,411.8	70.1	15.7	141	37.0	72.6	14.7	158.4	1,356	304.0
1947	1,680	1,450.2	69.2	13.9	147	95.5	72.2	12.9	174.3	1,325	297.1

[1] Average of Wednesdays.
[2] Average of Saturdays in the 4-week periods as published in *The London Gazette* or in *The Belfast Gazette*.
[3] Excluding coin other than gold coin in the Bank of England Issue Department.
[4] Published by permission of the Committee of London Clearing Bankers (11 banks).
[5] Including postal orders held by London clearing banks, October through December 1939.

Currency and exchange.—The basic monetary unit is the pound sterling (£), of which the principal fractional units are the shilling and the penny. One pound equals 20 shillings and 1 shilling equals 12 pence. The pound sterling as established with the International Monetary Fund, December 18, 1946, was equivalent to 3,581.34 grams of fine gold, with a parity of $4.03. Previously the par in current dollars, according to United States Treasury statement of April 1, 1935, was $8.2397. The principal circulating medium (aside from fractional metallic coins) is Bank of England notes. Gold payments have been suspended since September 21, 1931.

Average Exchange Rates of the Pound Sterling

NOTE.—Rates are annual averages of certified noon buying rates for cable transfers, New York and London except those shown for the period 1940 to June 1945, inclusive, which are the official rates.

Period	Rate	Period	Rate
1934	$5.039	1942	$4.035
1935	4.902	1943	4.035
1936	4.971	1944	4.035
1937	4.944	1945 (Jan.-June)	4.035
1938	4.889	1945 (July-Dec.)	4.030
1939	4.435	1946	4.033
1940[1]	4.035	1947	4.029
1941	4.035	1948	4.031

[1] Portion of the year during which the official rate was certified.

PRINCIPAL SOURCES

Annual Abstract of Statistics of the United Kingdom.
Monthly Digest of Statistics of the United Kingdom.
Annual Financial Statements.
National Debt (command paper).
Annual Statement of the Trade of the United Kingdom.
Accounts Relating to Trade and Navigation of the United Kingdom (monthly).

YUGOSLAVIA

(See general explanatory note, p. vi)

NOTE.—The Federal People's Republic of Yugoslavia has published no postwar statistics on agriculture and livestock, mining and industrial output, foreign trade, or other economic data. The following article, therefore, consists in the main of a repetition of the most fundamental prewar statistical data available, supplemented by the more recent information issued by the Yugoslav Government and international sources on population, transportation, currency and exchange, and a few other topics.

AREA AND POPULATION

Area, 95,576 square miles. Population, census of March 15, 1948 (preliminary), 15,751,-935. Cities, 1948: Belgrade-Zemun (Beograd), 388,246; Zagreb (Agram), 290,417; Ljubljana, 120,944; Sarajevo, 118,158; Subotica, 112,351; Skoplje, 91,557; Novi Sad, 77,120.

Education.—1945–46: 10,427 elementary schools with 23,226 teachers and 1,387,829 pupils; 405 continuation schools with 6,878 teachers and 229,647 pupils; 670 technical schools with 58,000 pupils; 111 continuation technical schools with 16,240 pupils and 526 advanced technical courses with 9,422 pupils. There were 40 training colleges for teachers, with 9,486 pupils and 493 teachers.

AGRICULTURE

Land distribution, 1938 (thousand acres); Arable, 18,661; orchards, vineyards, and gardens, 1,647; meadows and pastures, 15,366; forests (134), 20,396.

Livestock, December 31, 1939 (thousands): Cattle, 4,225; swine, 3,503; sheep, 10,154; goats, 1,866; horses, mules, and asses, 1,415; buffaloes, 38; poultry, December 1938, 22,-763.

Principal Crops: Area and Production

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1921–25	1926–30	1931–35	1938	1939	1921–25	1926–30	1931–35	1938	1939
Wheat	3,953	4,768	5,112	5,328	5,585	58,753	81,322	78,048	111,330	105,658
Rye	477	542	615	640	650	6,001	7,399	8,202	8,941	9,587
Barley	902	986	1,043	1,026	----------	14,027	17,464	18,665	19,349	19,477
Oats	923	937	902	894	----------	20,644	22,759	20,894	22,496	23,996
Corn	4,759	5,342	6,215	6,802	----------	109,399	117,711	155,561	187,232	145,434
Potatoes	537	565	612	667	----------	36,528	43,654	52,645	62,825	----------
Sugar beets	71	119	85	73	114	[1] 490	[1] 793	[1] 583	[1] 557	----------
Beet sugar[2]	----------	----------	----------	----------	----------	[1] 58	[1] 103	[1] 86	[1] 86	[1] 118
Tobacco	49	33	35	42	----------	[3] 38,049	[3] 24,257	[3] 23,939	[3] 32,426	[3] 40,786
Grapevines	420	442	490	541	----------	[4] 101,149	[4] 89,877	[4] 111,047	[4] 123,429	----------
Prunes[5]	----------	----------	----------	----------	----------	[3] 90,200	[3] 51,150	[3] 40,704	[3] 15,055	[3] 160,600
Hemp fiber	71	78	80	141	----------	[3] 56,511	[3] 59,400	[3] 64,473	[3] 122,135	----------
Flax fiber	33	31	28	35	----------	[3] 18,465	[3] 18,285	[3] 22,481	[3] 28,478	----------

[1] Unit, metric ton.
[2] Seasons ended following year.
[3] Unit, pound.
[4] Unit, gallon of wine.
[5] Exports, which represent greater part of production.

MINING AND MANUFACTURING

Mineral production value, 1938, in thousand dinars: Total, 2,230,688, of which brown coal and lignite, 665,239, copper metal, 501,396, and electrolytic copper, 42,252.

Mineral Production
[Metric tons except as indicated]

Mineral	1921–25, average	1926–30, average	1931–35, average	1935	1936	1937	1938
Brown coal and lignite[1]	3,694	5,803	4,021	4,028	4,035	4,574	5,287
Bituminous coal[1]	125	321	388	400	441	428	450
Copper (smelter)	6,347	16,542	35,640	39,000	39,400	39,410	41,993
Lead (smelter)	9,006	10,052	8,407	7,554	5,804	4,039	8,646
Zinc (smelter)	1,525	4,336	3,484	2,935	3,599	4,912	3,956
Bauxite	34,292	95,898	102,761	216,197	292,174	357,818	396,368
Iron ore	153,176	400,254	125,416	234,729	450,859	618,497	606,884
Chrome ore	[2] 2,506	27,580	44,699	52,367	59,044	59,863	58,470

[1] 1,000 metric tons.
[2] 1922–25 average.

Industrial enterprises, beginning of 1939.—Total number 3,254, of which 906 agricultural and food, 405 timber, 125 mining, 206 metallurgical, 188 chemical, 91 leather, 317 textile, 84 paper and printing, 271 electrical, 422 buildings, and 239 miscellaneous.

TRANSPORTATION AND COMMUNICATION

Roads.—December 31, 1940, in miles: Total 20,906, of which 6,634 were state highways (including 496 of auto roads) and 14,272 second-class roads.

Railways.—All Government-owned. Mileage, 1948 (with 1939 data in parentheses): Total 6,819 (6,655), of which 4,921 (4,593) standard gage and 1,898 (2,062) narrow gage. Equipment, 1937: Locomotives, 2,364; passenger cars, 5,140; freight cars, 54,306; tank cars, 381. Traffic, 1938 (with 1937 data in parentheses): Passengers carried, 56,165,688 (52,964,278); metric tons of freight, 28,759,754 (19,241,974).

Civil aviation.—1946: Home services, 100,800 miles flown, 7,995 passengers carried; international services, 61,500 miles, 2,130 passengers carried.

Inland waterways.—December 31, 1940: Total length of streams 26,687 miles, of which 1,049 miles navigable for steamships and motorships, 1,497 navigable for rafts, and 230 usable for floating timber. Additional waterways: Navigable canals, 174 miles; navigable lakes, 55 miles.

Posts, telegraphs, and telephones, 1938 (1937 data in parentheses).—Post offices, 3,982 (3,882); pieces of mail, 577,565,613 (550,078,951); gross receipts, million dinars (1937), 346. Telegraphs—line, 10,727 (10,712) miles; wire, 57,335 (58,040) miles; messages sent, 3,573,789 (3,567,643); gross receipts, million dinars (1937), 48. Telephones—wire, 149,238 (142,076) miles; instruments, 59,990 (53,847); gross receipts, million dinars (1937), 130.

Shipping.—On December 31, 1940, Yugoslavia possessed a total of 169 vessels of 482,665 gross tons, besides 2,154 river vessels. In 1939, 97,755 vessels of 18,416,514 net tons entered the ports of Yugoslavia. Of these, 91,867 vessels of 14,590,717 tons were Yugoslavian.

FOREIGN TRADE

No postwar foreign trade statistics are available for Yugoslavia.

FINANCE

Currency and exchange.—Unit of currency, the dinar. Official exchange rate (Yugoslav dinars per U.S. dollar): 1936, 43.41; 1937, 43.41; 1938, 43.43; 1939, 44.19; 1940, 44.55; May 5–November 23, 1945, 50.06; 1946, 50.00; 1947, 50.00. In May 1945, the new dinar was established and all exchange transactions were placed under the control of the National Bank.

Notes in circulation (in million dinars) on December 31, 1940, 13,834; note cover in gold and foreign exchange (million dinars), 4,384.

Gold holdings of the National Bank, with foreign exchange holdings of the National Bank in parentheses (millions of U. S. dollars), data at the end of the period indicated: 1936, 48.5 (12.7); 1937, 50.9 (10.2); 1938, 56.9 (14.7); 1939, 59.3 (16.6); 1940, 81.7 (16.3). During the war most of the gold of the National Bank was sent abroad and transferred to the account of the Yugoslav Government. Short-term assets in the United States (millions of U. S. dollars): 1942, 17.7; 1943, 9.9; 1944, 5.7, 1945, 5.7; 1946, 12.4; 1947, 12.1. As of June 30, 1947, 9 million dollars were official and 3 million dollars were private holdings.

Money and capital market.—The discount rate of the National Bank was changed August 1, 1946, from 5 to 2.5 percent. On October 20, 1946, the National Bank discontinued the use of a uniform interest rate and applied rates varying from 2.5 to 6 percent according to the type of debtor. These rates were lowered on January 1, 1947, to a range of from 1 to 4 percent.

Prices.—Index of cost of living (1937 = 100): 1936, 95; 1937, 100; 1938, 111; 1939, 115; 1940, 149; 1946, 215; January 1947, 200. Index of wholesale prices for home produced goods (1937 = 100): 1936, 92; 1937, 100; 1938, 105; 1939, 109; 1940, 157; 1946, 256; January 1947, 256.

BRITISH NORTH AMERICA

CANADA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, total, 1948, 3,690,410 square miles; land, 3,462,103, inland water bodies, 228,307. (Newfoundland, which joined Canada as its tenth Province on April 1, 1949, is covered in a separate section. See page 256.)

Land considered productive, 1,593,179 square miles (43 percent) in 1947, including 271,195 square miles of occupied agricultural land (143,184 improved) and 813,110 square miles of producing forest. Remaining land uncultivated or waste, but covered in considerable part by forest.

Population (In Thousands)

Year	Total[1]	Provinces				
		Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
1921 (census)	8,788	1,001	2,361	2,934	1,955	525
1931 (census)	10,376	1,009	2,874	3,432	2,354	694
1938	11,152	1,091	3,183	3,672	2,415	775
1941 (census)	11,507	1,130	3,332	3,788	2,422	818
1947	12,582	1,206	3,712	4,189	2,407	1,044
1948	12,883	1,231	3,792	4,297	2,457	1,082

[1] All figures except those of census years are estimates of the Dominion Bureau of Statistics. Total includes Yukon and Northwest Territory.

Population of Principal Cities, 1941

City and province	Greater city[1]	City proper
Montreal, Quebec	1, 139, 921	903, 007
Toronto, Ontario	900, 491	667, 457
Vancouver, British Columbia	351, 491	275, 353
Winnipeg, Manitoba	290, 540	221, 960
Ottawa, Ontario	215, 022	154, 951
Quebec, Quebec	200, 814	150, 757
Hamilton, Ontario	176, 110	166, 337
Windsor, Ontario	121, 112	105, 311
Edmonton, Alberta	(²)	93, 817
Halifax, Nova Scotia	91, 829	70, 488
Calgary, Alberta	(²)	88, 904
London, Ontario	86, 740	78, 264
St. John, New Brunswick	65, 784	51, 741
Regina, Saskatchewan	(²)	58, 245

[1] Greater cities include satellite towns or other densely populated areas in close economic relationship to cities proper.
[2] Not available.

Urbanization, 1941 census.—Ratio of population in urban areas to total population (percent): Canada, 54; Maritime Provinces, 38; Quebec, 63; Ontario, 62; Prairie Provinces, 38; British Columbia, 54. Provinces of Ontario and Quebec together, 71 percent of the total Canadian urban population.

Education.—Total enrollment, school year 1944–45, 2,371,110. Provincially controlled schools: Total 2,112,351; ordinary and technical day schools 1,977,466 (including 368 in ordinary day schools in Yukon and Northwest Territory); evening and correspondence schools, 102,530; normal schools 7,912. Privately controlled schools: Total, 130,487; ordinary day schools, 101,122; business schools, 29,365. Enrollment in colleges and universities, 111,466, including 26,931 in preparatory courses.

Literacy.—By 1941 illiteracy had practically disappeared, and the literacy percentage approached, for census purposes, 100 percent.

Labor Force and Employment
[In thousands]

Item	June 1, 1939	June 1, 1941	June 1, 1944	May 31, 1947	June 5, 1948
Population, 14 years and over, total	8, 294	8, 517	8, 885	9, 225	9, 404
Labor Force, including Armed Forces, total	4, 668	4, 908	5, 304	5, 040	5, 149
Armed Forces	10	296	779	35	36
Civilian labor force	4, 658	4, 612	4, 525	4, 995	5, 113
Employed	3, 763	4, 242	4, 443	4, 904	5, 031
Agricultural	1, 280	1, 265	1, 186	1, 163	1, 186
Non-agricultural	2, 483	2, 977	3, 257	3, 741	3, 845
Manufacturing	[1] 601	969	1, 215	1, 325	1, 261
Trade and finance	(²)	554	428	721	773
Transportation	(²)	267	214	369	370
Other[3]	(²)	1, 187	1, 400	1, 326	1, 441
Unemployed	895	370	82	91	82
Persons not in the labor force[4]	3, 626	3, 609	3, 581	4, 195	4, 256

[1] Estimated.
[2] Not available.
[3] Other includes fishing, hunting, trapping, forestry, logging, mining, quarrying, oil wells, service, public utilities, government.
[4] Includes housewives, students, retired persons, persons in institutions, non-workers, Indians on reservations, and people in inaccessible areas.

PRODUCTION, GENERAL

Net Value of Production [1] (Thousands of Canadian Dollars)

Industry	1939	1944	1945	1946
Total[2]	3,111,970	6,737,407	6,086,256	6,477,108
Primary industries:				
Agriculture	722,263	1,533,807	1,269,362	1,483,263
Forestry	271,723	507,358	550,971	711,027
Fisheries	34,379	76,889	103,106	107,908
Trapping	7,919	23,989	21,505	31,078
Mining	393,232	454,022	413,577	422,074
Electric power	149,864	209,758	210,007	220,511
Total primary[2]	1,542,177	2,744,465	2,504,026	2,906,652
Secondary industries:				
Manufactures	1,531,052	4,015,776	3,564,316	3,467,005
Construction	183,706	249,037	267,958	408,696
Custom and repair	108,821	165,174	178,200	213,273
Total secondary[2]	1,569,792	3,992,942	3,582,230	3,570,456

[1] Net value of production is the gross value of output less the cost of materials, fuel, and electricity consumed. Total gross value of production was as follows (1,000 Canadian dollars): 1939, 5,593,274; 1944, 12,544,650; 1945, 11,693,875; 1946, 12,231,270.

[2] Adjusted for duplication between units of integrated industries, reported at different stages of production. Such adjustments in primary production for forest products are as follows (1,000 Canadian dollars): 1939, 37,203; 1944, 61,358; 1945, 64,502; and 1946, 69,209; and in secondary production for manufactures, 1939, 253,787; 1944-437,045; 1945, 428,244; and 1946, 518,518.

AGRICULTURE, LIVESTOCK, FURS, FISHERIES, FORESTRY

Principal Field Crops: Area and Production

Crop	Area (thousands of acres)					Production (million bushels unless otherwise stated)				
	1935–39 average	1941–45 average	1946	1947	1948[1]	1935–39 average	1941–45 average	1946	1947	1948[1]
Alfalfa	854	1,472	1,263	1,135	1,317	[2] 2.1	[2] 3.6	[2] 2.7	[2] 2.6	[2] 3.0
Barley	4,291	7,062	6,259	7,465	6,495	88.9	187.6	148.9	141.4	155.0
Beans (dry)	68	95	92	97	92	1.3	1.5	1.6	1.4	1.6
Beans, soy	[3] 10	35	59	61	94	[3] .2	.6	1.1	1.1	1.8
Beets, sugar	34	62	67	59	60	[2] .5	[2] .6	[2] .7	[2] .6	[2] .6
Buckwheat	377	256	218	290	186	7.6	5.4	4.9	5.2	4.0
Corn, fodder	457	479	461	475	539	[2] 4.0	[2] 4.1	[2] 4.0	[2] 3.9	[2] 5.1
Corn, shelled	172	283	252	176	252	7.0	11.5	10.7	6.7	12.4
Flaxseed	307	1,564	841	1,571	1,935	1.5	11.2	6.4	12.2	17.4
Grains, mixed	1,166	1,534	1,318	1,150	1,542	38.5	51.5	53.0	34.9	61.9
Hay and clover	8,766	9,885	9,883	10,202	9,748	[2] 13.6	[2] 15.8	[2] 14.4	[2] 16.2	[2] 16.1
Hay, grain	1,098	862	918	889	848	[2] 1.6	[2] 1.3	[2] 1.6	[2] 1.4	[2] 1.2
Oats	13,246	14,032	12,075	11,049	11,201	338.1	464.2	371.1	278.7	358.8
Peas (dry)	85	92	127	128	82	1.3	1.5	2.3	1.8	1.5
Potatoes	516	518	521	497	508	[4] 38.6	[4] 42.4	[4] 48.0	[4] 45.1	[4] 55.3
Rye	816	802	715	1,156	2,103	9.2	11.6	8.8	13.2	25.3
Tobacco	69	80	110	125	110	[5] 76.6	[5] 90.1	[5] 141.4	[5] 106.7	[5] 126.6
Turnips[6]	187	154	123	114	110	[4] 37.1	[4] 31.5	[4] 27 0.	[4] 21.0	[4] 22.8
Wheat	25,595	21,402	24,453	24,260	24,106	312.4	378.2	413.7	341.8	393.3

[1] Estimate as of February 1949, except for tobacco, estimates for which are as of May 1949.
[2] Million tons.
[3] 1936-39 average.
[4] Million hundredweight.
[5] Million pounds.
[6] Field roots, exclusive of field roots in the Prairie Provinces.

Livestock on Farms as of June 1 (Thousands)

Kind	1935-39 average	1941-45 average	1946	1947	1948
Horses	2,833	2,740	2,200	2,032	1,905
Cattle	8,716	9,646	9,665	9,718	9,470
Sheep	3,082	3,369	3,378	2,707	2,251
Swine	3,939	7,024	4,910	5,473	4,463
Poultry	57,034	75,437	80,834	88,264	72,581

Meat and Dairy Products
[Million pounds, except as indicated]

Product	1935–39, average	1941–45, average	1946	1947	1948
Dairy products:					
Milk, total	15,284	17,361	16,956	17,241	16,645
Creamery butter	255	295	271	291	284
Factory cheese	120	179	149	125	89
Evaporated milk	90	183	192	212	251
Condensed milk	9	27	31	29	35
Milk powder, whole and skim	26	41	58	70	83
Meats[1]:					
Pork	625	1,295	994	974	942
Beef	704	929	1,102	1,002	1,099
Veal	122	129	132	126	143
Mutton and lamb	62	63	71	68	50
Eggs and poultry:					
Fowl and chicken meat	(2)	229	232	257	209
Turkey meat	(2)	35	27	38	34
Eggs[3]	220	315	324	374	360

[1] Estimated weight of meat produced from animals slaughtered in Canada plus estimated meat equivalent of live animal exports.
[2] Not available.
[3] Unit, million dozen.

Fur Production[1] (Thousand Pelts)

Kind	1935–39, average	1941–45, average	1945	1946	1947
Total	**5,399**	**9,511**	**6,995**	**7,593**	7,487
Mink	167	416	357	382	437
Muskrat	1,853	2,338	2,378	3,420	2,796
Beaver	54	112	129	154	128
Silver fox	226	163	133	134	121
Ermine	709	790	657	672	524
Squirrel	1,510	2,827	2,611	2,061	2,911
Red fox	85	126	129	122	85
Rabbit	440	2,348	275	308	180
Other	355	391	326	340	305

[1] Data are for years ended June 30.

Fish Production (Thousands of Pounds)

Kind	1935–39, average	1941–45, average	1945	1946	1947
Total, all fish	**1,047,843**	**1,231,445**	**1,337,181**	**1,318,634**	1,220,835
Seafish, total	963,260	1,143,361	1,246,289	1,227,359	1,141,256
Groundfish[1]	236,058	293,348	376,093	416,085	308,317
Salmon	176,752	152,982	172,737	151,522	164,837
Shellfish	52,341	60,661	62,897	76,364	80,491
Flatfish[2]	20,992	22,686	27,854	35,631	37,413
Other	477,117	613,684	606,708	547,758	550,198
Inland fish, total	84,583	88,084	90,892	91,275	79,579

[1] Includes cod, haddock, hake, cusk, and pollock.
[2] Includes halibut, sole, flounders, Canadian plaice, yellowtail, witch, and skate.

Output of Forest Products

Product	Quantity				Value (thousands of Canadian dollars)			
	1937	1941	1944	1946	1937	1941	1944	1946
Total					**163,250**	**213,163**	**301,571**	**413,269**
Logs and bolts......million bd. ft..	4,593	5,781	5,102	5,604	58,004	86,515	115,788	150,934
Pulpwood......1,000 cords..	8,298	9,545	8,669	10,523	63,057	88,193	124,364	183,085
Firewood......do....	8,951	8,612	8,918	8,102	32,458	26,662	44,333	49,545
Hewn railway ties......thousands..	6,018	2,472	1,281	1,042	3,129	1,548	1,289	1,132
Fence posts......do....	14,323	13,931	16,985	18,811	993	965	2,217	3,091
Round mining timber......1,000 cu. ft..	6,803	13,081	10,624	30,565	1,263	2,458	3,509	12,150
Fence rails......thousands..	4,838	4,826	5,210	5,087	262	263	513	606
Wood for distillation......1,000 cords..	63	77	92	43	310	589	887	452
Poles and piles......thousands..	681	517	960	831	2,455	2,467	5,217	5,302
Miscellaneous products....million cu. ft..	29	48	22	38	1,319	3,504	3,454	6,973

Lumber, Pulp, and Paper Production

Product	Quantity			Value (thousands of Canadian dollars)		
	1937	1946	1947	1937	1946	1947
Sawmill products:						
Lumber......million bd. ft..	4,006	5,083	5,163	82,777	230,190	(1)
Shingles......thousand squares..	3,648	2,646	(1)	7,632	14,513	(1)
Lath......millions..	393	135	(1)	1,232	909	(1)
Wood pulp......1,000 tons..	5,142	6,615	7,254	116,729	287,624	403,853
Mechanical pulp......do....	3,385	4,067	4,344	46,664	112,377	148,661
Chemical pulp......do....	1,757	[2] 2,548	[2] 2,910	70,065	[2] 175,247	[2] 255,192
Paper, total......do....	4,345	5,347	5,775	175,885	396,956	507,101
Newsprint......do....	3,674	4,162	4,474	126,424	280,810	355,541
Paperboard......do....	422	684	744	21,720	50,213	66,126
Book and writing......do....	84	189	189	12,621	29,995	39,727
Wrapping......do....	109	175	68	10,238	20,797	26,010
Tissue and miscellaneous......do....	56	137	300	4,883	15,141	19,697

[1] Not available.
[2] Includes small amounts of defibrated or exploded wood.

MINING AND MANUFACTURING

Mineral Production

Mineral	Quantity			Value (thousands of Canadian dollars)		
	1937	1947	1948	1937	1947	1948
Total				**457, 359**	**644, 696**	**806, 180**
Metals, total				334, 165	395, 119	483, 771
Cadmium 1,000 lb	745	719	763	1, 222	1, 236	1, 392
Copper do	530, 029	451, 723	479, 760	68, 917	91, 542	107, 112
Gold 1,000 fine oz	4, 096	3, 070	3, 495	143, 326	107, 458	122, 339
Iron ore 1,000 short tons		1, 919	1, 354		9, 313	6, 311
Lead 1,000 lb	411, 999	323, 337	336, 636	21, 053	44, 200	60, 729
Nickel do	224, 905	237, 251	257, 742	59, 507	70, 651	85, 615
Palladium, rhodium, iridium, etc. 1,000 fine oz	120	110	144	3, 180	4, 387	5, 975
Platinum do	139	95	117	6, 753	5, 582	10, 201
Selenium 1,000 lb	397	501	328	687	937	655
Silver 1,000 fine oz	22, 978	12, 504	15, 642	10, 313	9, 002	11, 732
Tin 1,000 lb		714	691		518	689
Tungsten concentrates do	(1)	496	962	(1)	681	962
Zinc do	370, 338	415, 726	464, 189	18, 154	46, 686	64, 662
Fuels, total				65, 829	110, 481	158, 767
Coal 1,000 short tons	15, 836	15, 869	18, 431	48, 752	77, 475	107, 299
Natural gas million cu. ft	32, 381	52, 657	56, 637	11, 675	13, 429	14, 609
Petroleum 1,000 bbl	2, 944	7, 692	12, 098	5, 399	19, 576	36, 859
Nonmetallic minerals other than fuels, total				22, 495	54, 519	64, 863
Asbestos 1,000 short tons	410	662	708	14, 506	33, 006	41, 318
Barites do		128	95		1, 381	1, 076
Gypsum do	1, 047	2, 497	3, 219	1, 540	4, 734	5, 584
Peat moss do	(1)	80	74	(1)	2, 280	2, 314
Quartz do	1, 377	1, 836	1, 920	1, 129	1, 797	2, 073
Salt do	459	729	740	1, 799	4, 437	4, 364
Sodium sulphate do	80	163	150	618	1, 793	2, 089
Sulfur[2] do	131	222	218	1, 155	1, 823	1, 732
Clay products and other structural materials, total				34, 870	84, 577	98, 779
Clay products (brick, tile, etc.)				4, 517	14, 486	17, 350
Cement 1,000 bbl	6, 169	11, 936	14, 112	9, 096	21, 969	27, 897
Lime 1,000 short tons	549	977	1, 051	3, 825	8, 543	9, 665
Sand and gravel do	27, 001	56, 789	64, 252	10, 493	23, 114	26, 786
Stone[3] do	6, 935	10, 889	11, 451	6, 934	16, 465	17, 081

[1] Not available.
[2] Sulfur content of pyrites shipped, and estimated sulfur content in sulfuric acid made from smelter gases.
[3] Includes granite, limestone, marble, sandstone, and slate.

Summary of Operations in Manufacturing Establishments

Year	Number of establishments	Number of employees (thousands)	Salaries and wages	Cost of materials	Net value of production[1]	Gross value of production
			(Thousands of Canadian dollars)			
1929	22, 216	667	777, 291	2, 029, 671	1, 755, 387	3, 883, 446
1933	23, 780	469	436, 248	967, 789	919, 671	1, 954, 076
1938	25, 200	642	705, 669	1, 807, 478	1, 428, 287	3, 337, 681
1940	25, 513	762	920, 873	2, 449, 722	1, 942, 471	4, 529, 173
1942	27, 862	1, 152	1, 682, 805	4, 037, 103	3, 309, 974	7, 553, 795
1944	28, 483	1, 223	2, 029, 621	4, 832, 333	4, 015, 776	9, 073, 693
1946	31, 249	1, 058	1, 740, 687	4, 358, 235	3, 467, 005	8, 035, 692
1947	(2)	1, 120	2, 069, 624	5, 484, 620	4, 244, 080	9, 976, 497

[1] Value of production, less cost of materials, fuel, and electricity.
[2] Not available.

Summary of Manufactures, by Type of Product

Product	Year	Establishments (number)	Employees[1] (number)	Salaries and wages	Cost of materials	Gross value of products
				(Thousands of Canadian dollars)		
Total	1929	22, 216	666, 531	777, 291	2, 029, 671	3, 883, 446
	1937	24, 834	660, 451	721, 727	2, 006, 927	3, 625, 460
	1944	28, 483	1, 222, 882	2, 029, 621	4, 832, 333	9, 073, 693
	1946	31, 249	1, 058, 156	1, 740, 687	4, 358, 235	8, 035, 692
	1947	(2)	1, 120, 445	2, 069, 624	5, 484, 620	9, 976, 497
Vegetable products[3]	1929	5, 350	91, 032	95, 853	431, 596	783, 707
	1937	5, 968	94, 258	94, 633	395, 491	672, 540
	1944	5, 941	130, 679	183, 944	763, 607	1, 270, 518
	1946	5, 916	137, 170	206, 894	871, 436	1, 469, 914
	1947	(2)	143, 898	241, 279	1, 096, 562	1, 768, 919
Animal products	1929	4, 490	67, 670	62, 081	345, 352	477, 762
	1937	4, 435	67, 996	64, 816	326, 537	449, 784
	1944	4, 388	94, 195	129, 215	835, 586	1, 092, 016
	1946	4, 528	102, 844	151, 518	849, 243	1, 132, 234
	1947	(2)	101, 642	165, 792	930, 717	1, 267, 858
Textiles and textile products	1929	1, 534	103, 881	94, 969	217, 954	403, 206
	1937	1, 941	121, 677	105, 056	219, 814	400, 384
	1944	2, 481	153, 122	195, 806	419, 989	781, 772
	1946	3, 082	164, 737	228, 018	459, 664	888, 659
	1947	(2)	175, 756	269, 704	570, 980	1, 056, 869
Wood and paper products[4]	1929	7, 392	164, 572	192, 089	313, 797	724, 972
	1937	8, 497	147, 254	165, 298	256, 270	597, 062
	1944	10, 452	189, 674	284, 437	497, 656	1, 093, 726
	1946	11, 994	224, 121	366, 050	679, 343	1, 484, 436
	1947	(2)	244, 744	458, 713	899, 849	1, 953, 379
Iron and its products	1929	1, 224	142, 772	203, 741	405, 818	790, 726
	1937	1, 345	127, 148	163, 261	328, 091	624, 820
	1944	2, 192	411, 944	818, 452	1, 104, 084	2, 540, 993
	1946	2, 358	249, 279	475, 813	635, 344	1, 405, 543
	1947	(2)	260, 635	547, 673	829, 219	1, 779, 719
Nonferrous metal products	1929	408	39, 867	54, 502	124, 901	283, 546
	1937	526	44, 614	57, 723	282, 532	482, 441
	1944	635	104, 314	182, 909	549, 317	992, 346
	1946	740	84, 853	150, 366	413, 022	719, 191
	1947	(2)	97, 222	197, 778	599, 474	1, 041, 041
Nonmetallic mineral products	1929	843	29, 257	38, 958	112, 573	229, 774
	1937	823	23, 837	30, 390	115, 939	208, 205
	1944	748	31, 590	56, 130	234, 714	416, 269
	1946	910	36, 493	63, 849	240, 486	446, 485
	1947	(2)	38, 606	78, 174	318, 776	550, 847
Chemicals and allied products[3] [5]	1929	554	16, 694	22, 639	55, 184	138, 545
	1937	754	21, 968	28, 613	64, 461	148, 973
	1944	981	81, 822	137, 423	360, 413	733, 569
	1946	1, 017	37, 278	66, 539	159, 308	376, 288
	1947	(2)	37, 435	75, 991	194, 638	446, 015
Miscellaneous industries[4] [5]	1929	421	10, 786	12, 458	22, 495	51, 208
	1937	545	11, 699	11, 937	17, 792	41, 251
	1944	665	25, 542	41, 305	66, 968	152, 484
	1946	704	21, 381	31, 642	50, 388	112, 943
	1947	(2)	20, 507	34, 520	44, 405	111, 850

[1] Because of a change in method of computation, employment figures for 1929 are not directly comparable with those for later years.
[2] Not available.
[3] In 1947 synthetic rubber was transferred from the vegetable products group to the chemicals products group.
[4] In 1947 mattresses and springs were transferred from the miscellaneous group to the furniture industry which is in the wood and paper products group.
[5] In 1947 part of the plastic products industry was transferred from the chemical products group to the miscellaneous products group.

Manufacturing Production

Product	1937	1941	1944	1946	1947
Aluminum, refined....1,000 short tons..	47	214	462	193	298
Copper, refined....do....	215	278	256	167	204
Lead, refined....do....	200	228	143	177	162
Zinc, refined....do....	159	214	169	186	178
Pig iron....do....	1,007	1,528	1,853	1,406	1,963
Steel ingots and castings....do....	1,571	2,712	3,016	2,327	2,946
Ferroalloys....do....	92	204	171	139	227
Automobiles, passenger....number..	153,046	96,603	------	91,871	167,257
Trucks and busses....do....	54,417	173,588	158,038	79,657	90,758
Typewriters....do....	55,079	68,106	12,562	41,528	74,286
Grain binders....do....	9,535	8,893	8,278	19,062	17,109
Threshers and reaper-threshers....do....	2,061	3,653	4,615	9,335	11,705
Domestic electric refrigerators....do....	52,068	64,093	237	56,786	97,408
Electric washing machines....do....	115,385	104,583	24,352	96,249	193,745
Radio sets....do....	289,247	386,372	------	603,199	984,276
Batteries, starting and ignition....do....	662,100	1,007,285	1,227,052	1,439,961	1,536,092
Incandescent lamps....thousands..	38,052	59,830	58,820	80,148	92,572
Gasoline....million gal..	769	1,030	1,166	1,222	1,291
Rubber tires....thousands..	2,916	3,831	2,680	4,007	6,191
Rubber footwear....1,000 pr..	17,944	17,063	14,038	18,687	24,559
Leather footwear....do....	24,325	31,522	35,271	42,926	35,396
Cotton fabric, principal types[1]....1,000 yd..	337,226	494,627	382,644	311,177	320,286
Artificial silk cloth (continuous filament)....do....	45,540	72,509	53,259	53,663	(2)
Rayon filament yarn (deliveries)....1,000 lb..	16,498	19,500	19,225	21,250	25,421
Men's suits (woolen)....thousands..	1,413	1,409	1,253	1,554	1,626
Women's dresses....do....	10,160	12,682	12,043	12,399	10,440
Mixed fertilizers....1,000 short tons..	244	298	543	598	674
Wheat flour....1,000 bbl..	14,209	20,870	24,470	27,152	28,057
Cigarettes....millions..	6,724	9,548	15,485	15,264	15,687
Spirits, beverage, placed in bond....1,000 U.S. pf. gal..	6,650	10,502	11,635	16,344	16,853
Beer, ale, stout and porter....1,000 gal..	76,160	108,297	136,076	181,572	193,050

[1] Includes gray cloth, bleached cloth, printed and painted fabric, piece dyed cotton fabric, yarn and stock dyed fabric, pillow cotton, toweling, and bed sheeting.
[2] Not available.

Electric Power: Production and Consumption (Millions of Kilowatt-Hours)

Item	1939	1945	1946	1947	1948
Energy generated, total....	28,344	40,128	41,736	44,988	44,569
Hydraulic....	27,840	39,132	40,692	43,895	43,298
Thermal....	504	996	1,044	1,093	1,271
Generated by:					
Publicly owned stations....	7,047	14,599	14,739	(1)	(1)
Privately owned stations....	21,291	25,531	26,998	(1)	(1)
Consumption, total....	28,344	40,128	41,736	44,988	44,569
Primary....	19,392	30,852	31,200	37,376	40,607
Secondary....	7,032	6,648	8,064	5,595	2,304
Exports to United States[2]....	1,920	2,628	2,472	2,016	1,658
Consumed by:					
Manufacturing and mining industries....	19,430	28,218	29,905	(1)	(1)
Homes....	2,311	3,365	3,882	(1)	(1)

[1] Not available.
[2] Imports from United States are negligible.

TRANSPORTATION AND COMMUNICATION

Aviation, Railway, Highway, and Motor Vehicle Statistics

Item	1939	1944	1945	1946	1947
Aviation, civil and commercial:					
Aircraft operating ... number	488	247	381	(1)	385
Airports ... do	124	136	146	(1)	(1)
Freight flown[2] ... 1,000 lb	21,253	12,431	14,462	25,174	34,241
Mail flown[2] ... do	1,900	7,296	6,419	5,930	6,966
Miles flown[2] ... thousands	10,969	16,189	20,087	28,269	36,032
Passengers flown[2] ... do	190	404	527	834	893
Revenues ... 1,000 Canadian dollars	5,840	17,119	17,335	21,988	26,417
Expenditures ... do	6,428	17,847	17,520	22,777	28,855
Steam railways:					
Employees ... number	129,362	175,095	180,603	180,383	184,415
Pay rolls ... 1,000 Canadian dollars	200,374	372,065	371,814	396,857	429,843
Length of lines ... route miles	42,637	42,336	42,352	42,335	42,322
Canadian National[3] ... do	23,668	23,496	23,498	23,437	23,159
Locomotives ... number	4,373	4,416	4,431	4,450	4,451
Freight cars ... thousands	160	164	165	163	166
Freight carried (revenue) ... 1,000 tons	94,577	177,381	167,757	160,617	175,566
Freight-ton-miles ... millions	31,465	65,928	63,349	55,310	60,143
Passenger cars ... number	6,387	6,263	6,211	6,141	6,030
Passengers carried ... thousands	20,482	60,336	53,408	43,405	40,941
Passenger-miles ... millions	1,752	6,873	6,380	4,649	3,733
Gross earnings from operations[4] ... 1,000 Canadian dollars	367,179	796,637	774,971	718,502	785,178
Freight ... do	291,118	586,526	567,213	539,885	616,948
Passenger ... do	61,203	178,367	174,290	147,329	137,005
Net income (+) or deficit (−) ... do	−27,299	+61,692	+51,941	+13,212	+18,150
Highways:					
Surfaced, length[5] ... miles	114,254	127,447	131,453	140,049	(1)
Earthen, length ... do	383,453	425,858	420,562	412,914	(1)
Expenditures, total[6] ... 1,000 Canadian dollars	91,846	71,851	84,165	144,469	(1)
Roads ... do	82,338	64,387	76,796	132,247	(1)
Motor vehicles:					
Registration, total ... number	1,439,245	1,502,567	1,497,081	1,622,463	1,835,959
Passenger cars[7] ... do	1,190,021	1,177,558	1,160,058	1,234,006	1,370,173
Trucks and commercial cars[8] ... do	234,258	305,288	316,841	365,506	439,657 (trucks and motorbusses combined)
Motorbusses ... do	2,644	4,676	5,988	5,788	
Motorcycles ... do	12,322	15,045	14,194	17,163	26,129

[1] Not available.
[2] Aviation statistics of miles flown and mail, freight, and passengers flown include operations of foreign air carriers. In 1947 Canadian carriers flew 33,529,000 miles, and carried 737,000 passengers, 32,346,000 pounds of freight, and 5,909,000 pounds of mail.
[3] Owned by the Dominion Government; average miles of road operated.
[4] Includes revenue from all operations.
[5] Does not include urban streets and roads, which totaled 13,252 miles in 1941.
[6] Includes net subsidies of Dominion Government to other units of government.
[7] Includes taxicabs.
[8] Includes trucks, tractors, road machines, fire engines, etc.

Number and Capacity of Vessels in Foreign Trade in Canadian Ports (Calendar Years)

[Capacity in thousand net registered tons]

Ship clearance by country of registry	1944		1945		1946		1947	
	Number	Capacity	Number	Capacity	Number	Capacity	Number	Capacity
Arrivals	23,786	28,357	24,431	29,656	26,461	30,367	27,868	35,926
Departures	24,892	30,854	26,374	33,512	28,004	34,145	29,776	40,785
National registry of arriving ships:								
Canada	14,414	15,001	15,040	15,339	16,090	14,790	16,471	16,965
United Kingdom	1,012	3,161	1,353	4,937	[1] 1,376	[1] 5,306	1,482	5,432
Newfoundland	2,137	311	2,138	327	2,214	334	1,983	317
United States	5,534	8,373	5,093	7,195	5,894	8,532	6,694	10,913
Norway	186	291	221	401	195	358	245	647
Greece	96	287	95	280	20	69	22	90
Panama	38	94	30	80	56	126	191	495
Sweden	89	225	84	186	66	165	101	246
Netherlands	21	106	63	284	60	173	135	403

[1] Includes Northern Ireland.

Number and Capacity of Vessels in Foreign and Coastwise Service Entering Canadian Ports (Calendar Years)

[Capacity in thousand net registered tons]

Item	1944		1945		1946		1947	
	Number	Capacity	Number	Capacity	Number	Capacity	Number	Capacity
Total[1]	**88,785**	**72,133**	**89,841**	**77,754**	**93,475**	**75,926**	**101,307**	**87,750**
Foreign service	23,786	28,357	24,431	29,656	26,461	30,367	27,868	35,926
Coasting service	64,999	43,776	65,410	48,098	67,014	45,559	73,439	51,824
Port of entry:[2]								
Vancouver	18,304	9,539	18,278	9,796	20,128	11,657	23,079	13,516
Montreal	3,242	3,915	3,691	5,348	3,559	5,805	4,011	6,797
Victoria	4,563	4,800	4,932	5,675	4,824	4,935	4,968	6,024
Port Arthur	1,801	5,039	1,821	5,141	1,363	3,772	1,510	4,190
Toronto	2,115	3,087	2,248	3,212	1,899	2,677	2,296	3,173
Halifax	1,217	2,544	928	2,093	1,369	3,499	1,554	3,135
Fort William	1,646	4,365	1,452	3,815	1,075	2,767	1,096	2,789
Sault Ste. Marie	1,108	2,832	997	2,427	835	2,217	1,018	2,773
Nanaimo	3,328	1,149	3,046	1,233	3,609	1,835	3,713	2,665
Quebec	2,277	1,775	2,474	2,495	2,439	2,183	2,544	2,517
New Westminster	2,481	1,244	2,446	1,481	2,769	1,916	3,207	2,393
St. John	1,414	2,166	1,441	2,328	1,416	2,132	1,560	2,371
Coburg	604	1,904	699	2,113	659	2,074	700	2,164
Sarnia	1,105	1,776	1,181	1,867	1,278	2,049	1,128	2,113

[1] Seagoing and inland international shipping.
[2] The ports shown in this table reported 2,000,000 tons or more in 1944, 1945, 1946, or 1947 and are shown in order of size of tonnage in 1947.

Communications Statistics

Item	1939	1941	1944	1945	1946	1947
Postal service:[1]						
Number of offices	12,514	12,477	12,234	12,169	12,105	12,033
Money orders issued:						
Number ... thousands	14,522	16,120	19,555	20,743	22,032	25,185
Value ... 1,000 Canadian dollars	145,205	173,566	262,297	281,890	290,934	329,558
Air mail:						
Weight ... 1,000 lb	1,822	2,842	7,221	8,224	7,473	5,626
Miles flown ... thousands	3,712	8,330	12,799	13,581	15,216	20,105
Gross receipts ... 1,000 Canadian dollars	42,896	48,143	73,004	79,534	83,763	86,401
Telegraph and cable services:						
Pole lines, length ... miles	52,464	52,246	52,414	52,447	52,523	51,024
Wire installed ... do	374,550	379,794	387,677	391,476	400,981	401,803
Messages handled, land ... thousands	12,463	14,282	16,445	17,667	18,442	18,988
Net operating revenue 1,000 Canadian dollars	1,177	1,900	2,582	2,954	1,969	1,155
Telephone facilities:						
Instruments ... thousands	1,397	1,562	1,752	1,849	2,026	2,231
Calls ... millions	2,774	3,012	3,013	3,210	3,559	3,843
Pole lines, length ... 1,000 miles	213	213	220	222	229	232
Wire installed, length ... do	5,518	5,882	6,108	6,334	6,770	7,286
Net income ... 1,000 Canadian dollars	10,055	10,678	13,343	13,482	14,924	18,044
Radios in operation:						
Private receiving sets ... number	1,223,502	1,454,717	1,770,900	1,759,100	1,754,351	1,807,824
Amateur experimental ... do	3,678	--------	--------	--------	4,048	4,213
Private commercial ... do	489	1,120	1,346	1,420	1,673	2,127
Ship commercial ... do	340	416	628	800	943	1,158
Commercial broadcasting[2] ... do	94	98	115	139	142	161
Commercial receiving (special) ... do	--------	86	95	99	100	98
Aircraft ... do	129	149	150	161	211	438
Other, including Government[3] ... do	521	477	598	622	659	821

[1] Data cover fiscal years ending, March 31.
[2] Includes Canadian Broadcasting Company stations (owned by the Dominion Government) which in 1947 numbered 50.
[3] Includes governmental radio aids to marine and aeronautical navigation, commercial stations publicly owned and operated (except Canadian Broadcasting Company stations), municipal police receiving and sending stations and government monitoring stations.

FOREIGN TRADE

Per capita trade.—1947: Imports for consumption, $203.55; exports of Canadian products, $220.55.

Basis of trade statistics.—Imports are for consumption; unless stated as re-exports, exports are of Canadian produce. Imports are recorded by the country of consignment and exports by country of final destination, if that is known at time of shipment. In the case of grain, which represents an important portion of Canadian exports, statements as to country of destination may be inaccurate because shipments frequently are diverted while en route. Exports to the United States in some years include wheat eventually shipped elsewhere. Since September 1939, trade in gold (except industrial gold) and coin has not been reported.

Valuation of commodities.—The value of imports is the fair domestic market value in the country from which exported, at the time of exportation. The statistical values in Canadian dollar terms are determined by the application of exchange rates as authorized by the customs law. In periods of currency disturbance, arbitrary rates of exchange as distinguished from average commercial rates have been authorized frequently. In fact, during the period from September 21, 1931, to September 16, 1939, imports from the United Kingdom were valued for statistical purposes at the par of sterling, or $4.866, regardless of actual market quotations for the pound.

The value of exports is the actual amount received in terms of Canadian dollars exclusive of freight, insurance, handling, and other charges.

Conversion.—Conversions of official Canadian foreign trade figures to United States dollars were made at the following rates:

Year	Rate		Year	Rate	
	Imports	Exports		Imports	Exports
1934	$1.0101	$1.0100	1941	$.9009	$.9091
1935	.9949	.9963	1942	.9009	.9091
1936	.9991	.9995	1943	.9009	.9091
1937	1.0000	1.0020	1944	.9009	.9091
1938	.9942	.9944	1945	.9018	.9091
1939	.9576	.9619	1946	.9525	.9569
1940	.9009	.9091	1947	.9950	1.0000

For the years 1934 to 1938 the above rates are based on yearly averages of actual daily exchange quotations for telegraphic transfers New York on Montreal; for 1939, the rates are based on the weighted average of the daily quotations including from September 17 the Canadian Foreign Exchange Board's pegged "official" buying and selling rates; the "official" rates are the basis for conversion for the subsequent years shown.

Value of Imports and Exports

Year	Merchandise			Gold, silver, and specie		
	Imports for consumption	General exports	Exports of Canadian products	Imports for consumption	General exports	Exports of Canadian products
	Thousands of Canadian dollars					
1934	511, 268	650, 658	643, 666	2, 973	115, 734	115, 009
1935	544, 714	721, 600	713, 142	6, 815	127, 281	112, 180
1936	632, 792	941, 815	930, 541	4, 105	91, 833	84, 730
1937	808, 022	1, 002, 694	988, 243	2, 148	135, 711	122, 007
1938	676, 597	835, 754	825, 205	60, 166	150, 925	88, 264
1939	749, 520	926, 969	916, 401	[1] 1, 536	[1] 8, 952	[1] 8, 525
1940	1, 081, 429	1, 185, 898	1, 171, 789	[1] 522	[1] 7, 320	[1] 7, 166
1941	1, 448, 691	1, 633, 869	1, 614, 418	[1] 101	[1] 6, 585	[1] 6, 585
1942	1, 644, 229	2, 379, 513	2, 357, 821	[1] 13	[1] 5, 953	[1] 5, 953
1943	1, 735, 077	2, 995, 794	2, 965, 917	(1) (2)	[1] 5, 558	[1] 5, 558
1944	1, 758, 898	3, 480, 165	3, 437, 020	(1) (2)	[1] 2, 933	[1] 2, 933
1945	1, 585, 772	3, 264, 827	3, 215, 733	[1] 3	[1] 2, 597	[1] 2, 597
1946	1, 925, 688	2, 334, 934	2, 308, 725	[1] 1, 592	[1] 4, 232	[1] 3, 490
1947	2, 573, 880	2, 804, 079	2, 767, 475	[1] 65	[1] 7, 711	[1] 7, 428
	Thousands of United States dollars					
1934	516, 432	657, 165	650, 103	3, 003	116, 892	116, 160
1935	541, 936	718, 930	710, 504	6, 780	126, 810	111, 765
1936	632, 223	941, 344	930, 076	4, 101	91, 788	84, 688
1937	808, 022	1, 004, 700	990, 220	2, 148	135, 982	122, 251
1938	672, 673	831, 074	820, 583	59, 817	150, 080	87, 770
1939	717, 740	891, 652	881, 486	[1] 1, 471	[1] 8, 611	[1] 8, 200
1940	974, 260	1, 078, 099	1, 065, 273	[1] 470	[1] 6, 655	[1] 6, 514
1941	1, 305, 125	1, 485, 350	1, 467, 667	[1] 91	[1] 5, 986	[1] 5, 987
1942	1, 481, 286	2, 163, 216	2, 143, 495	[1] 11	[1] 5, 412	[1] 5, 412
1943	1, 563, 130	2, 723, 477	2, 696, 315	(1) (2)	[1] 5, 053	[1] 5, 053
1944	1, 584, 591	3, 163, 818	3, 124, 595	(1) (2)	[1] 2, 667	[1] 2, 667
1945	1, 430, 049	2, 968, 054	2, 923, 423	[1] 3	[1] 2, 361	[1] 2, 361
1946	1, 834, 217	2, 234, 298	2, 209, 219	[1] 1, 516	[1] 4, 049	[1] 3, 340
1947	2, 561, 010	2, 804, 079	2, 767, 475	[1] 64	[1] 7, 711	[1] 7, 428

[1] Data pertain largely to silver ore and bullion. (Since 1939, movements of gold bullion and coin have not been reported.)
[2] Less than $500.

Trade With Principal Countries (Thousands of United States Dollars)

Country of origin or destination	Imports for consumption				Domestic exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total, exclusive of gold, silver, and specie	**808,022**	**672,673**	**1,834,217**	**2,561,010**	**990,220**	**820,583**	**2,209,219**	**2,767,475**
United States	489,980	421,524	1,337,495	1,964,752	353,305	257,177	847,773	1,029,667
United Kingdom	146,945	118,498	191,862	188,418	401,604	337,478	571,754	749,920
Argentina	6,242	2,137	13,690	17,871	7,309	4,649	13,433	31,697
Australia	12,061	8,991	18,816	14,151	30,658	32,797	36,548	60,294
Belgium	7,866	6,145	4,218	10,070	16,900	9,492	60,739	52,340
Brazil	848	764	13,352	13,818	5,013	3,502	23,505	31,632
British South Africa	8,246	1,980	7,517	4,235	16,633	15,460	65,675	67,138
British West Africa	1,687	998	9,670	8,616	1,110	473	2,263	4,817
British West Indies	12,235	12,984	19,961	20,513	11,219	10,950	47,067	64,911
British Guiana	5,587	7,072	11,608	12,296	1,493	1,390	6,802	10,273
Ceylon	6,366	3,657	3,567	11,594	237	191	2,048	4,079
China	4,452	2,452	2,211	2,292	4,161	2,869	41,066	34,984
Colombia	4,790	6,863	9,247	9,151	1,447	1,263	8,465	9,950
Cuba	835	437	12,597	23,633	1,872	1,179	5,043	7,502
Czechoslovakia	2,882	2,514	918	3,627	857	3,147	9,445	13,779
Egypt	617	544	240	204	394	394	14,436	10,922
France	6,692	6,066	4,388	8,707	8,375	9,101	70,012	79,905
French Africa	55	64	336	251	141	799	8,560	4,598
Germany	11,983	9,873	11	496	11,761	18,035	6,571	6,690
Greece	59	29	61	95	366	1,556	9,319	5,440
Guatemala	52	84	2,789	9,441	89	119	888	1,630
Honduras	67	38	14,833	6,964	176	169	597	641
India	[1] 9,469	8,134	26,553	42,039	[1] 4,377	2,847	46,932	42,947
Ireland	47	27	51	75	4,434	4,415	7,613	17,598
Italy	3,426	2,616	2,576	3,853	2,754	1,736	19,508	35,688
Japan	5,875	4,616	3	348	25,831	20,555	983	559
Mexico	624	573	13,458	16,895	3,426	2,326	10,082	11,701
Netherlands	3,359	3,734	2,378	3,512	12,546	10,210	32,423	55,940
Newfoundland and Labrador	2,511	2,181	8,828	9,379	9,144	8,356	36,581	55,085
New Zealand	7,579	4,535	11,388	10,777	14,719	16,279	15,416	37,386
Norway	750	729	796	4,974	6,236	7,810	18,436	20,320
Poland	231	260	([2])	3	872	1,029	21,531	15,380
Straits Settlements	15,796	10,218	5,592	16,824	2,721	2,434	3,085	7,464
Sweden	2,427	2,102	3,506	3,169	2,985	5,381	8,739	17,461
Switzerland	3,446	3,468	10,619	11,881	619	731	8,264	14,196
U.S.S.R.	661	255	1,447	180	458	932	16,942	4,866
Venezuela	2,467	1,460	25,609	46,455	1,323	1,249	10,608	12,989
Yugoslavia	62	63	2	22	47	12	11,512	6,729
Percent of total:								
United States	60.6	62.7	72.9	76.7	35.7	31.3	38.4	37.2
United Kingdom	18.2	17.6	10.5	7.4	40.6	41.1	25.9	27.1
Gold, silver, and specie[3]	2,148	59,817	1,516	64	122,251	87,770	3,340	7,428
United States	1,768	2,212	1,050	54	117,875	86,830	1,897	4,560
United Kingdom	370	16,745	4	5	3,806	331	—	1,278
India	([4])	[5] 8	—	—	285	—	—	—
Belgium	([4])	([4])	—	—	206	13	145	408
Cuba	([4])	([4])	2	—	—	47	—	—
France	[5] 3	[5] 40,528	3	5	3	—	1,163	1,153
Germany	([4])	([4])	—	—	5	129	—	—
Japan	([4])	([4])	—	—	72	419	—	—
Mexico	([4])	([4])	458	—	—	—	—	—
Switzerland	([4])	[5] 302	—	—	—	—	—	—
Netherlands	([4])	[5] 2	—	—	—	—	—	—

[1] Includes Burma.
[2] Less than $500.
[3] After 1938 the data exclude gold bullion and subsidiary coin, statistics for which are not available in Canadian trade reports.
[4] Not reported.
[5] Figures may be incomplete because of inadequate information on country of origin.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption, total, exclusive of gold, silver, and specie					**808,022**	**672,673**	**1,834,217**	**2,561,010**
Cattle hides (raw) ... 1,000 lb.	32,344	14,978	1,332	21,434	4,383	1,541	339	4,932
Leather, unmanufactured					3,661	2,597	3,983	6,541
Fur skins, undressed:								
Persian lamb and caracul ... thousands	119	143	639	952	839	823	5,557	7,576
Other ... do	4,204	3,388	10,880	5,425	4,509	2,898	11,309	8,108
Hatters' furs, not on the skin ... 1,000 lb.			941	736	815	754	4,650	3,205
Corn (Indian) ... 1,000 bu.	16,544	9,350	4,625	8,086	10,874	5,443	8,224	16,027
Beans, soya ... 1,000 lb.	889	3,641	68,139	87,434	17	64	3,617	4,978
Vegetables, fresh:								
Tomatoes ... do	39,973	49,199	88,558	80,090	1,440	1,293	6,367	6,306
Potatoes, fresh, except sweet and seed ... do	14,855	16,641	325,781	38,594	211	224	6,505	1,177
Other ... do	163,065	171,378	295,872	258,796	3,854	3,778	11,653	11,400
Fruit, fresh:								
Grapefruit or shaddocks ... do	52,517	58,997	142,277	124,170	1,442	1,222	4,770	3,256
Bananas ... do	194,062	190,467	292,727	200,721	2,231	2,167	19,163	16,217
Grapes ... do	30,842	30,643	53,079	54,955	1,017	890	5,229	3,847
Oranges, mandarines, tangerines ... do	220,998	283,759	505,971	468,765	7,709	5,635	25,435	16,433
Other					4,755	3,619	11,684	11,691
Raisins ... 1,000 lb.	37,859	30,686	47,381	64,312	3,406	2,923	3,717	6,789
Nuts:								
Peanuts ... do	39,553	37,434	91,329	59,371	1,168	968	8,157	8,936
Copra, not prepared ... do	11		63,540	77,090	(1)		2,634	7,317
Other					2,783	2,497	10,727	5,686
Cocoa beans ... 1,000 lb.	24,549	23,616	60,679	34,165	2,420	1,272	5,317	7,102
Coffee, green ... do	37,638	42,383	84,758	51,299	3,814	3,547	14,832	13,260
Tea ... do	40,122	37,591	29,852	47,391	10,013	9,524	9,723	20,552
Sugar for refining ... do	922,167	957,543	861,697	996,237	17,279	17,460	30,281	46,175
Whiskey ... 1,000 pf. gal.	1,054	1,069	1,186	2,105	4,278	4,449	4,540	7,375
Rubber and manufactures:								
Crude ... 1,000 lb.	80,993	57,563	30,007	77,415	15,672	8,097	6,059	14,610
Other					3,806	3,128	13,066	13,976
Vegetable oils, inedible:								
Sunflower seed oil ... 1,000 lb.	(2)	(2)	14,866	32,948	(2)	(2)	3,949	10,390
Other					15,775	11,148	7,930	12,532
Whale and spermaceti oil ... 1,000 gal.	39	30	1,223	3,635	19	11	1,215	5,462
Fibers, textiles and textile products:								
Cotton and manufactures:								
Raw ... 1,000 lb.	158,192	134,761	176,735	190,198	19,913	12,798	40,778	58,385
Yarn, thread and cordage ... do	5,944	4,998	9,136	16,052	3,364	2,518	8,761	16,525
Piece goods[3] ... do	21,842	16,538	46,293	68,029	10,979	8,493	51,591	82,161
Other					6,359	5,554	12,368	21,923
Sisal, istle and tampico fiber ... 1,000 lb.	37,333	41,160	93,587	83,193	2,075	1,742	7,595	9,864

Flax, hemp, jute and products:									
Jute cloth over 12 inches in width	*1,000 yd.*	*104,372*	*95,698*	*130,075*	*154,203*	*3,898*	*3,118*	*11,284*	*21,755*
Other						*6,603*	*5,376*	*10,759*	*15,928*
Wool and manufactures:									
Raw	1,000 lb.	24,427	15,524	53,241	39,544	8,585	4,133	17,818	16,900
Yarn	do.	3,736	2,815	4,299	4,856	3,428	2,340	5,819	7,788
Worsted tops	do.	11,160	9,979	11,252	11,723	6,917	4,972	9,963	12,408
Worsteds and serges	do.	4,766	4,364	4,707	6,711	6,066	5,670	11,357	19,673
Piece goods, other[4]	do.	5,969	4,274	3,781	4,218	6,491	4,645	7,802	9,842
Other						4,139	3,279	8,742	17,430
Silk, raw	1,000 lb.	2,446	2,508	23	67	4,832	4,281	182	341
Rayon yarn and thread	do.	2,022	1,757	7,875	9,234	1,317	992	6,234	7,721
Rayon piece goods						2,193	1,921	9,366	16,064
Cloth, coated or impregnated						1,963	1,925	4,071	9,281
Other						16,151	13,180	27,087	44,647
Wood, unmanufactured or partially manufactured						6,523	5,021	8,178	16,545
Wood, manufactured						5,005	4,271	10,922	17,868
Paper and manufactures, including wallboards and containers						7,982	7,477	17,939	22,912
Coal	1,000 long tons.	13,099	11,618	23,309	25,796	38,159	35,618	114,638	138,255
Coke, except petroleum coke	do.	422	350	805	511	3,009	2,367	7,688	6,419
Petroleum coke	do.	107	73	198	232	850	625	2,683	5,008
Petroleum, crude	1,000 bbl.	38,947	34,274	63,461	69,135	46,702	40,862	85,293	128,183
Gasoline	do.	2,072	3,404	5,051	6,551	5,388	7,675	14,203	25,394
Lubricating oil	do.	441	471	312	390	3,422	3,169	3,562	4,776
Diamond dust and other abrasives						5,914	4,789	6,666	6,038
Stone and products, other						2,519	2,051	7,313	12,228
Glass and glassware						8,542	6,632	22,153	28,483
Bricks and tiles						3,147	2,189	5,383	8,151
Pottery and chinaware						4,171	4,020	7,600	10,664
Sulfur and brimstone	1,000 lb.	451,368	187,394	547,004	722,848	3,669	1,463	4,068	5,439
Iron and steel:									
Iron ore	1,000 long tons.	1,897	1,163	2,037	3,522	4,721	2,814	6,160	12,653
Bars and rods, including rails	1,000 short tons.	60	32	91	121	4,639	2,700	7,566	12,213
Sheet, plate, hoop, band, and strip[5]	do.	491	277	426	485	36,511	20,560	36,005	47,923
Structural	do.	76	43	129	235	3,643	2,063	7,269	17,444
Tubes, pipes and fittings						2,627	1,960	8,012	13,397
Castings and forgings						3,280	2,559	7,092	8,555
Tools and hand implements						2,688	2,159	9,654	11,397
Wire						2,381	1,460	3,741	6,523
Machinery:									
Traction engines, internal combustion, for farm and other purposes	number.	12,404	15,038	29,695	42,526	10,804	11,606	28,633	45,330
Traction engines, internal combustion, parts						2,629	3,127	14,821	23,759
Farm implements and machinery, other						3,801	5,469	21,652	35,789
Mining and metallurgical						6,399	5,231	6,127	12,089
Metalworking						6,861	4,093	17,580	22,776
Office and business						3,251	2,550	6,096	10,181
Yarn cordage and fabric						4,592	4,138	12,416	20,640
Printing and bookbinding						3,680	2,769	6,145	11,896
Other						21,645	17,921	75,735	127,400
Automobiles and chassis, freight	number.	2,802	1,709	3,166	6,289	2,792	1,994	6,185	11,981
Automobiles and chassis, passenger	do.	17,267	13,445	19,076	36,574	13,393	10,652	24,012	57,211
Automobile parts						32,775	24,551	63,297	97,940
Automobile engines and parts[6]	number.	65,665	13,196	10,299	14,925	5,731	2,499	6,616	10,341

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of United States dollars) 1937	Value 1938	Value 1946	Value 1947
Iron and steel—Continued								
Engines and complete parts for aircraft					1, 193	1, 833	2, 283	5, 817
Engines, locomotives, and boilers, and parts, miscellaneous					4, 169	3, 411	19, 164	27, 505
Ball and roller bearings and parts					3, 087	2, 344	6, 803	8, 909
Other					23, 712	21, 148	64, 681	98, 878
Nonferrous metals and products:								
Bauxite ore ... 1,000 long tons	271	329	1, 146	1, 243	3, 773	2, 346	8, 120	8, 523
Aluminum and manufactures, other					2, 807	2, 525	5, 875	8, 574
Brass and products					3, 436	2, 538	6, 969	10, 125
Nickel and products					1, 473	1, 393	3, 360	4, 566
Tin in blocks, pigs, or bars ... 1,000 lb	5, 880	5, 275	8, 402	8, 872	3, 116	2, 193	5, 693	6, 644
Manganese oxide ... do	154, 453	42, 100	288, 046	447, 007	802	461	2, 367	6, 115
Radio and wireless apparatus, except batteries					3, 149	2, 498	10, 289	13, 892
Electrical apparatus, miscellaneous, including lamps and fixtures					12, 357	10, 480	35, 229	54, 537
Clocks and watches and parts					2, 264	2, 239	7, 437	8, 981
Diamonds, unset ... carats				22, 525	1, 304	977	5, 814	2, 971
Chemicals and related products:								
Aniline and coal-tar dyes ... 1,000 lb	5, 365	4, 117	5, 874	5, 982	3, 746	2, 964	4, 862	5, 525
Drugs, medicinal and pharmaceutical preparations					3, 510	3, 359	8, 926	11, 595
Synthetic resins and plastic materials, miscellaneous					588	969	13, 032	14, 970
Cellulose products[7]					1, 938	1, 711	6, 243	5, 429
Soda and sodium compounds, miscellaneous ... 1,000 lb	112, 539	90, 581	195, 958	209, 676	2, 837	2, 583	5, 010	6, 575
Butadiene							358	291
Paints, pigments and varnishes					4, 998	3, 752	8, 988	13, 374
Fertilizers ... 1,000 short tons	205	234	255	331	3, 386	3, 850	4, 344	6, 552
Other					16, 411	15, 813	36, 699	48, 208
Scientific and educational equipment					4, 285	4, 298	13, 163	18, 267
Books and printed matter					14, 489	15, 188	29, 277	31, 775
Aircraft and parts, except engines[8] ... number	77	48	332	406	1, 389	2, 866	8, 999	12, 222
Cartridges, shotgun shells, etc.					185	452	548	549
Refrigerators ... number	18, 133	16, 100	14, 923	53, 553	1, 134	1, 074	1, 658	6, 953
Refrigerator parts	(2)	(2)			(2)	(2)	3, 296	5, 120
War materials (under Orders in Council)							2, 772	1, 685
Articles for use of the Army and Navy of the Imperial Government					121	142	4, 755	3, 010
All other merchandise					115, 058	111, 252	301, 893	358, 581
Gold and silver sweepings and bullion fringe or gold fringe					3	4	6	8
Silver in bars, blocks, ingots, drops, sheets, or plates, unmanufactured ... 1,000 troy oz	1, 987	2, 011	1, 928	71	870	846	1, 511	57
Monetary gold and subsidiary coin					1, 274	58, 967	(9)	(9)

1 Less than 500.
2 Not reported.
3 Includes items reported in value only, amounting to $122,537; $120,143; $241,036 and $466,729 for 1937, 1938, 1946 and 1947, respectively.
4 Includes items reported in value only, amounting to $3,435; $2,710; $4, 655 and $42, 741 for 1937, 1938, 1946 and 1947, respectively.
5 Includes items reported in value only, amounting to $7,432; $2,031; $1,246 and $2, 035 for 1937, 1938, 1946 and 1947, respectively.
6 Quantities shown are for engines only.
7 Except cellulose acetate film reinforced with wire mesh, which is reported in iron and steel products.
8 Quantities shown are for aircraft only.
9 Not available.

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Domestic exports, total, exclusive of gold, silver, and specie	----	----	----	----	**990, 220**	**820, 583**	**2, 209, 219**	**2, 767, 475**
Cattle ... number	321, 760	179, 224	104, 618	83, 223	15, 708	9, 130	17, 239	14, 980
Meat:								
Beef and veal, fresh, chilled, and frozen ... 1,000 lb.	16, 121	5, 411	130, 579	42, 600	1, 228	540	26, 051	9, 232
Bacon and hams ... do	195, 617	170, 837	289, 292	235, 789	33, 473	30, 733	63, 527	62, 081
Other	----	----	----	----	7, 545	4, 833	33, 800	31, 543
Milk, concentrated ... 1,000 lb.	33, 282	35, 077	78, 968	84, 208	3, 180	3, 437	10, 217	13, 581
Cheese ... do	88, 955	80, 989	106, 495	55, 531	13, 088	11, 808	21, 002	14, 162
Lobster, fresh ... do	11, 363	10, 688	18, 652	15, 754	2, 443	1, 942	9, 160	7, 627
Fish, fresh and frozen ... do	129, 083	114, 964	239, 052	206, 296	9, 763	9, 339	30, 516	30, 406
Fish, salted, dried, smoked, or pickled ... do	110, 133	95, 517	107, 301	96, 977	4, 162	3, 906	13, 212	12, 309
Salmon, canned ... do	59, 179	48, 840	47, 902	36, 814	7, 549	7, 088	11, 799	9, 759
Sea herring, canned ... do	2, 170	3, 233	80, 666	82, 683	169	249	9, 778	12, 084
Lobster and other fish, preserved or canned ... do	12, 315	12, 596	23, 615	35, 652	2, 740	2, 628	7, 539	9, 668
Eggs in the shell ... 1,000 doz.	1, 602	1, 843	39, 597	58, 126	425	495	15, 275	25, 307
Eggs, dried, or otherwise processed ... 1,000 lb.	(1)	(1)	11, 206	12, 867	(1)	(1)	10, 343	11, 661
Upper leather, except patent ... 1,000 sq. ft.	----	----	12, 141	15, 228	2, 968	2, 491	5, 141	10, 232
Fur skins, undressed:								
Beaver ... thousands	79	85	124	153	1, 143	919	5, 992	4, 331
Fox ... do	352	384	261	264	8, 385	7, 190	5, 512	3, 917
Mink ... do	122	194	268	725	1, 734	2, 177	6, 851	13, 014
Other	----	----	----	----	5, 266	3, 228	11, 240	6, 773
Fruit:								
Apples, fresh ... 1,000 bbl.	2, 054	2, 730	1, 577	1, 138	7, 229	9, 626	8, 882	8, 300
Blueberries, fresh or frozen ... 1,000 lb.	6, 828	4, 071	15, 596	11, 723	418	254	3, 029	1, 743
Vegetables:								
Potatoes, except seed ... 1,000 bu.	986	849	1, 214	7, 670	659	474	1, 600	8, 340
Other	----	----	----	----	5, 230	5, 994	11, 562	9, 218
Grains and products:								
Barley ... 1,000 bu.	10, 881	17, 446	6, 299	569	7, 933	8, 686	9, 270	1, 211
Oats ... do	4, 495	6, 886	30, 243	12, 835	2, 440	2, 683	22, 112	12, 389
Oatmeal and rolled oats ... 1,000 lb.	57, 859	71, 209	138, 601	102, 528	2, 931	3, 366	6, 002	5, 831
Rye ... 1,000 bu.	1, 848	1, 109	3, 690	9, 801	2, 058	540	8, 520	31, 938
Wheat ... do	96, 008	114, 178	157, 529	160, 426	124, 688	88, 893	239, 517	265, 200
Wheat flour ... 1,000 bbl.	4, 087	3, 912	14, 984	18, 082	23, 920	17, 539	121, 271	196, 578
Screenings, chaff, or scourings ... 1,000 lb.	90, 568	121, 752	409, 151	351, 713	584	223	6, 077	3, 880
Whiskey ... 1,000 pf. gal.	7, 374	3, 424	6, 550	4, 766	21, 035	10, 744	28, 372	22, 983
Rubber and products:								
Crude ... 1,000 lb.	----	----	42, 001	43, 437	----	----	7, 524	7, 982
Tire casings, pneumatic, for motor vehicles ... thousands	863	719	277	603	8, 740	7, 192	4, 997	10, 461
Other rubber and manufactures	----	----	----	----	9, 060	7, 629	8, 987	14, 682
Seed:								
Potatoes ... 1,000 bu.	2, 271	1, 309	3, 244	4, 257	2, 333	1, 095	5, 033	6, 471
Other	----	----	----	----	2, 654	1, 899	7, 625	10, 222

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of United States dollars) 1937	Value 1938	Value 1946	Value 1947
Fodders, miscellaneous					1,252	874	8,223	3,414
Tobacco, leaf ... 1,000 lb.	10,041	16,341	12,591	24,493	2,852	5,444	5,638	12,601
Fibers, textiles and textile products:								
Cotton fabrics ... 1,000 yd.	5,478	4,872	15,391	16,099	1,768	1,230	5,324	6,924
Wool clothing					632	524	13,040	5,091
Wool and manufactures, other					1,574	795	5,088	3,772
Artificial silk fabrics ... 1,000 yd.		[2] 1,455	4,080	7,741		[2] 636	2,813	6,836
Rayon and manufactures					1,704	1,621	5,122	4,925
Other					8,751	8,176	20,055	21,800
Wood, unmanufactured or partially manufactured:								
Planks and boards ... million bd. ft.	1,858	1,667	2,069	2,726	45,540	35,687	119,986	208,375
Shingles ... 1,000 squares	2,184	1,900	1,775	2,051	6,200	5,129	10,728	20,254
Shooks					1,260	1,090	4,530	8,380
Veneers and plywood					1,296	964	11,508	18,499
Pulpwood ... 1,000 cords	1,543	1,588	1,759	1,883	12,113	13,565	27,493	34,529
Pit props ... do.				338			8,779	8,135
Other					13,261	10,360	17,816	23,682
Wood pulp ... 1,000 long tons	777	495	1,267	1,517	41,899	27,575	109,106	177,803
Paper and manufactures:								
Newsprint ... do.	3,085	2,165	3,445	3,769	126,719	104,029	254,406	342,293
Pulpboard, wallboard, and paper board ... 1,000 lb.		142,229	203,404	228,578	5,095	4,541	8,057	10,930
Book paper ... do.	11,022	7,365	49,352	74,582	720	489	3,427	6,069
Other					3,902	3,181	9,159	13,841
Petroleum and products, including petroleum coke					1,535	1,120	4,756	7,473
Abrasives, artificial, crude ... 1,000 lb.	225,844	120,222	348,810	393,602	6,558	3,752	11,222	13,110
Asbestos:								
Crude and milled, fibers ... 1,000 long tons	175	148	193	201	10,995	10,812	15,798	20,721
Waste, refuse, or shorts ... do.	174	110	272	368	3,249	2,225	7,014	11,571
Iron and steel:								
Iron ore ... do.	4		1,023	1,562	14	1	4,165	6,023
Pigs, ingots, blooms, billets, and ferroalloys ... 1,000 short tons	177	119	176	260	5,195	3,850	12,261	25,625
Rolling-mill products (bars, rods, plates, sheets, rails, and structural steel) ... do.	65	107	105	98	2,827	4,743	7,203	10,935
Machinery, except agricultural:								
Metalworking					84	210	980	4,835
Other					10,775	9,518	13,885	36,187
Farm implements and machinery					9,858	7,746	27,426	42,238
Locomotives and parts ... number	2	3	284	136	108	240	25,818	15,672
Vehicles and parts chiefly of iron:								
Motortrucks ... do.	22,066	17,382	44,660	42,215	7,958	6,887	41,339	37,918
Passenger cars ... do.	43,801	40,386	23,451	41,550	15,953	15,225	13,389	33,579
Automobile parts					2,926	2,664	20,200	20,142
Tractors and parts ... number	13	10	692	6,101	25	25	460	6,024
Other					212	262	31,857	8,604
Guns, rifles, and other firearms					22	12	3,967	45
Other					10,203	8,418	14,717	25,329

Nonferrous metals and products:								
Aluminum in bars, etc. .... 1,000 lb.	97,003	129,449	379,569	435,228	17,628	22,923	48,279	54,679
Copper:								
In ore, matte, etc. .... do.	73,868	109,806	35,256	58,188	7,424	7,595	2,362	9,310
Refined .... do.	347,366	417,042	234,666	215,924	46,108	41,393	31,007	42,337
Other copper and manufactures					2,736	4,029	2,041	8,072
Lead, in pigs, refined, etc. .... 1,000 lb.	353,140	309,864	208,218	249,931	17,012	8,589	15,289	29,099
Nickel:								
In matte or speiss .... do.	80,808	88,648	61,250	79,534	14,574	15,868	10,552	18,293
Fine .... do.	136,854	105,372	161,594	141,511	42,962	35,142	42,055	39,075
Zinc spelter .... do.	268,378	264,424	289,793	274,456	12,765	8,579	23,133	26,661
Platinum and related metals in concentrates					8,392	9,268	14,745	11,659
Electrical apparatus:								
Radio and wireless apparatus except batteries					200	192	8,821	2,751
Other					4,119	3,899	11,216	16,384
Chemicals and related products:								
Fertilizers .... short tons.	272,762	281,579	780,476	791,098	6,613	7,027	30,725	34,386
Explosives					305	326	253	759
Other					14,792	12,034	33,699	48,659
Aircraft and parts					265	2,783	9,098	5,900
Ships .... short tons.	18,707	5,663	164,874	82,357	577	217	17,086	23,965
Philosophical and scientific apparatus and instruments					25	31	599	1,762
Cartridges					154	465	664	2,308
Electrical energy .... million kw.-hr.	1,753	1,885	2,597	2,095	3,987	4,159	6,765	5,611
Other merchandise					81,664	63,474	179,499	201,527
Gold bullion other than monetary .... 1,000 troy oz.	3,030	1,935	(3)	(3)	105,936	67,280	(3)	(3)
Gold-bearing quartz, dust, and nuggets obtained direct from mining operations, net .... do.	211	241	(3)	(3)	7,115	8,147	(3)	(3)
Silver in ore, concentrates, etc. .... do.	5,769	5,869	1,864	2,722	2,573	2,527	1,367	1,998
Silver bullion .... do.	14,620	22,683	2,317	7,514	6,569	9,783	1,972	5,429
Coin			(3)	(3)	59	32	(3)	(3)
Reexports:								
Merchandise					14,480	10,490	25,080	36,605
Bullion, gold, other than monetary .... troy ounces.	372		(3)	(3)	13		(3)	(3)
Bullion, silver .... 1,000 troy oz.	671	1,244	799	399	304	548	709	283
Coin					13,414	61,763	(3)	(3)

[1] Not reported. [2] From April 1. [3] Not available.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports for consumption from the United States, total, exclusive of gold, silver, and specie					**489,980**	**421,524**	**1,337,495**	**1,964,752**
Meat					367	726	1,602	2,460
Hides and skins, except furs .... 1,000 lb.	11,125	12,310	1,685	27,654	1,843	1,217	550	8,308
Leather, unmanufactured					1,499	1,086	2,196	3,421
Leather manufactures					695	938	3,180	5,158
Furs, undressed .... thousands	2,180	2,378	3,388	4,901	3,095	2,481	6,930	12,940
Furs, other, and manufactures					1,198	650	7,132	5,553
Beans, soya .... 1,000 lb.	456	3,454	68,139	87,434	9	58	3,617	4,978
Corn .... 1,000 bu.	310	7,208	2,503	7,980	288	4,041	4,911	15,839
Rice .... 1,000 lb.	8,806	21,584	39,265	57,386	246	442	1,713	3,545
Vegetables, fresh .... do.	182,399	199,821	349,104	342,335	4,559	4,514	21,514	15,966
Fruit:								
Fresh:								
Grapefruit .... do.	46,859	52,900	140,943	122,918	1,310	1,097	4,733	3,211
Lemons .... do.	15,229	26,485	38,311	33,597	1,064	1,044	2,712	2,421
Oranges, mandarines, and tangerines .... do.	176,555	263,479	505,729	466,319	6,824	5,289	25,424	16,334
Grapes .... do.	30,465	30,046	53,004	54,321	995	855	5,219	3,731
Dried .... do.	33,173	27,767	70,926	61,601	1,721	1,247	8,158	7,521
Other and juices					4,200	3,655	13,774	17,133
Peanuts .... 1,000 lb.	193	217	33,918	50,992	11	12	5,387	7,967
Rubber and manufactures:								
Crude .... do.	12,802	7,147	5,421	6,151	2,510	1,030	1,216	1,656
Substitute .... do.	205	157	4,833	3,267	56	40	1,145	790
Tire casings, pneumatic, for vehicles other than bicycles .... number	18,818	16,399	95,698	120,382	194	184	3,255	1,730
Other					2,856	2,281	8,466	10,816
Gums and resins					1,953	1,030	3,450	4,412
Vegetable oils, inedible					3,391	2,060	3,910	6,209
Fibers, textiles and textile products:								
Cotton and manufactures:								
Raw .... 1,000 lb.	154,663	130,518	146,284	138,090	19,314	12,249	34,485	43,770
Yarn, thread, and cordage .... do.	736	1,019	4,056	10,744	369	439	3,550	10,243
Piece goods[1] .... do.	6,978	5,464	45,043	65,715	2,959	2,318	49,427	77,203
Other					2,084	2,062	8,524	14,316
Silk, raw .... 1,000 lb.	2,330	2,459	23	67	4,584	4,184	182	341
Rayon and manufactures					1,019	1,100	10,893	19,656
Sisal, istle and tampico fiber .... 1,000 lb.	17,605	28,133	2,619	3,214	989	1,216	265	488
Rags and waste .... do.	42,905	30,592	72,965	83,059	2,070	1,344	4,855	6,655
Cloth, coated or impregnated					1,138	1,175	3,352	7,035
Other					4,523	3,907	17,976	36,232
Wood, unmanufactured or partially manufactured					6,278	4,850	7,529	15,461
Wood manufactures					3,943	3,404	8,808	15,544
Paper and manufactures, including wallboard and containers					5,616	5,529	16,938	21,531
Coal .... 1,000 tons	11,580	10,066	23,219	25,749	30,587	27,171	113,780	137,739
Coke, except petroleum coke .... do.	403	344	805	511	2,918	2,326	7,688	6,419

Petroleum coke do	107	73	198	232	850	625	2,683	5,008
Petroleum, crude 1,000 bbl	28,913	25,104	380,143	388,411	36,813	31,168	55,611	76,850
Gasoline do	1,543	2,890	4,564	5,916	4,186	6,741	13,035	23,091
Lubricating oil do	435	460	312	389	3,365	3,104	3,555	4,743
Products of petroleum, miscellaneous, .8236 specific gravity or heavier at 60° F. 1,000 bbl	712	573	2,942	8,999	936	677	4,266	21,466
Stone and products:								
Diamond dust and other abrasives					5,591	4,691	5,103	5,587
Other					1,835	1,404	5,788	10,170
Glass and glassware					4,069	3,508	18,782	20,824
Clay and products:								
Brick and tiles					2,751	1,840	4,900	7,315
Other					1,467	1,207	4,710	6,222
Sulfur and brimstone 1,000 lb	451,196	187,254	546,986	722,848	3,666	1,461	4,067	5,439
Iron and steel:								
Iron ore 1,000 long tons	1,264	563	1,506	2,791	3,392	1,529	4,207	9,640
Pigs, ingots, blooms, billets, and ferroalloys 1,000 short tons	13	13	20	20	737	569	1,173	1,908
Scrap 1,000 long tons	152	86	143	99	2,025	824	1,677	2,768
Bars and rods, including rails 1,000 short tons	42	22	90	119	2,813	1,535	7,147	11,831
Sheets, plates, hoop, band, and strip[2] do	325	190	423	482	20,465	11,839	35,341	47,170
Structural do	65	38	128	234	3,230	1,865	7,198	17,382
Tubes, pipes and fittings					1,851	1,354	7,759	13,017
Wire					789	419	3,058	6,132
Castings and forgings					2,684	1,967	6,139	7,518
Hardware and cutlery					1,282	994	5,518	8,233
Chains					364	325	1,287	2,483
Tools and hand implements					1,710	1,365	8,848	10,124
Machinery:								
Traction engines, internal combustion, for farm and other purposes number	12,033	14,260	29,654	42,451	10,576	11,168	28,553	45,291
Traction engines, internal combustion, parts					2,581	3,071	14,731	23,692
Farm implements and machinery, other					3,118	4,846	21,225	35,092
Mining and metallurgical					5,750	4,669	5,901	11,731
Metalworking					6,502	3,690	17,168	21,971
Yarn, cordage, and fabric machinery					3,489	2,650	10,682	18,056
Cranes, hoists and derricks, miscellaneous, and parts number	573	508	4,237	7,168	548	368	3,692	5,446
Logging machinery and parts					821	484	3,657	5,423
Power pumps, miscellaneous, and parts number	5,453	3,362	63,814	46,486	729	625	3,484	4,989
Shovels, steam, electric or other power, and parts, miscellaneous do	160	83	439	674	1,289	829	4,336	8,222
Other					22,133	18,193	69,437	118,596
Automobiles and chassis, freight number	2,700	1,655	3,106	6,061	2,691	1,964	6,136	11,759
Automobiles, passenger do	15,895	12,821	18,493	34,633	12,446	10,293	23,507	55,363
Automobile parts					32,609	24,385	63,164	97,744
Motor vehicles and chassis, other, except motor rail cars, and motorcycles number	60	63	5,086	5,382	81	135	6,413	7,635
Automobile engines and parts do	65,643	13,192	10,294	14,910	5,686	2,481	6,595	10,302
Aircraft engines and parts					816	911	1,182	1,282
Engines, locomotives, boilers and parts, miscellaneous					3,079	2,328	15,787	25,803
Ball and roller bearings and parts					2,517	1,858	5,626	7,887
Guns, rifles, and other firearms					226	205	1,066	2,025
Heating and cooking apparatus, parts							2,968	3,135
Other					14,835	14,324	40,165	62,638

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of United States dollars) 1937	Value 1938	Value 1946	Value 1947
Nonferrous metals and products:								
Bauxite ore .... 1,000 long tons	113,777	52,023	105,962	119,325	2,863	883	1,953	2,368
Brass and brass products					2,866	2,079	6,690	9,023
Telephone apparatus, electric, and parts					893	698	3,159	6,394
Radio and wireless apparatus, except batteries					2,923	2,302	9,966	13,455
Motors, electric and parts					1,891	1,491	3,936	6,719
Rheostats, controllers and other starting and controlling devices, and parts, miscellaneous					680	547	2,993	3,594
Electrical apparatus, miscellaneous, including lamps and fixtures					6,346	5,394	23,114	33,912
Other					12,680	10,830	27,205	44,287
Chemicals and related products:								
Aniline and coal-tar dyes .... 1,000 lb	2,572	1,923	5,111	5,263	1,414	1,075	3,946	4,415
Drugs, medicinal and pharmaceutical preparations					2,014	2,003	7,507	9,728
Compounds of tetraethyl lead .... 1,000 lb	4,480	5,486	12,672	14,054	2,015	2,471	3,882	4,281
Soda and sodium compounds, miscellaneous .... do	81,965	61,323	162,702	195,645	1,607	1,409	4,271	5,740
Paints, pigments, and varnishes					2,657	1,941	8,026	12,178
Fertilizers .... short tons	115,358	133,092	241,643	288,517	1,860	2,155	3,861	4,691
Cellulose products[3]					1,743	1,524	5,822	4,804
Synthetic resins and synthetic plastics materials, miscellaneous					554	907	12,950	14,881
Butadiene							358	291
Other					8,656	8,695	29,024	38,081
Refrigerator parts							3,296	5,119
Scientific and educational equipment					2,999	2,967	12,245	16,897
Cartridges and other ammunition					136	123	152	233
Books and printed matter					11,633	12,469	27,852	29,792
Aircraft and parts, except engines .... number	59	48	328		1,014	2,176	8,541	11,627
War materials (under Orders in Council)							2,763	1,683
Articles for the Army and Navy of the Imperial Government					1	1	2,524	1,495
Other merchandise					51,863	57,640	125,698	195,348
Gold and silver sweepings, and bullion fringe or gold fringe					(4)	(4)	1	1
Silver in bars, blocks, ingots, drops, sheets, or plates, unmanufactured .... 1,000 troy oz	1,229	1,773	1,423	67	525	743	1,049	53
Monetary gold and subsidiary coin					1,243	1,469	(5)	(5)

[1] Includes items reported in value only, amounting to $31,454; $26,977; $96,443; and $260,693 for 1937, 1938, 1946 and 1947, respectively.
[2] Includes items reported in value only, amounting to $406; $155; $1,246; and $2,035 for 1937, 1938, 1946 and 1947, respectively.
[3] Excludes cellulose acetate film reinforced with wire mesh, which is reported in iron and steel products.
[4] Less than $500.
[5] Not available.

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of United States dollars) 1937	Value 1938	Value 1946	Value 1947
Domestic exports to the United States, total, exclusive of gold, silver, and specie					**353, 305**	**257, 177**	**847, 773**	**1, 019, 667**
Cattle ... number	306, 958	146, 745	96, 356	74, 481	14, 607	6, 455	15, 681	13, 588
Meat:								
Poultry, dressed or undressed ... pounds	41, 981	3, 058		1, 246, 127	8	1		399
Other ... do	24, 355, 795	5, 235, 387	289, 015	234, 215	3, 940	966	213	113
Fish:								
Fresh and frozen ... 1,000 lb	128, 693	114, 629	242, 256	219, 860	10, 740	9, 862	37, 103	37, 517
Salted, dried, smoked, or pickled ... do	26, 470	26, 620	44, 957	30, 598	1, 358	1, 348	6, 296	4, 705
Preserved or canned ... do	6, 153	1, 090	5, 870	2, 942	665	300	4, 217	1, 539
Hides and skins, raw, except fur skins ... do	28, 189	29, 089	2, 018	7, 636	3, 118	2, 539	380	1, 327
Leather, unmanufactured					494	505	2, 180	3, 701
Fur skins, undressed:								
Fox ... thousands	59	50	81	85	1, 083	782	2, 447	1, 430
Muskrat ... do	202	417	1, 156	1, 074	288	333	3, 183	1, 921
Mink ... do	79	128	206	626	1, 153	1, 532	5, 230	11, 234
Beaver ... do	40	40	90	126	611	457	4, 457	3, 538
Other					2, 009	1, 185	4, 388	1, 776
Fish oil ... 1,000 gal	241	300	404	184	139	135	1, 488	979
Apples, fresh ... barrels	3, 272	11, 643	304, 982	473, 400	11	47	1, 682	3, 506
Blueberries, fresh or frozen ... 1,000 lb	6, 826	4, 012	15, 596	11, 714	418	247	3, 029	1, 740
Potatoes, except seed ... 1,000 bu	351	177	166	2, 859	253	91	142	3, 074
Turnips ... do	2, 417	2, 415	3, 138	3, 083	781	804	1, 865	2, 322
Grains and products:								
Barley ... do	2, 954	1, 556	5, 259	120	2, 519	553	7, 564	282
Oats ... do	69	10	5, 374	2, 192	35	5	4, 274	2, 113
Rye ... do	[1]	280	2, 562	185	[1]	112	6, 119	557
Wheat ... do	1, 160	20, 144	11, 675	168	1, 501	11, 968	17, 291	355
Screenings, chaff, or scourings of grain ... 1,000 lb	89, 438	109, 684	408, 980	343, 227	572	154	6, 066	3, 688
Bran, shorts, and middlings ... do	145, 424	39, 804	45, 182	60, 223	2, 176	317	1, 041	1, 638
Other					3, 417	1, 744	1, 210	587
Maple syrup ... 1,000 gal	5	5	211	477	12	10	454	1, 321
Linseed and flaxseed oil ... do		[1]	1, 521	769		[1]	1, 761	1, 445
Ale, beer and porter ... do	147	98	2, 982	1, 760	125	75	2, 259	1, 322
Whiskey ... 1,000 pf. gal	7, 273	3, 335	5, 808	3, 875	20, 696	10, 434	24, 549	17, 975
Rubber, crude ... 1,000 lb			17, 142	4, 046			3, 039	756
Rubber tire casings, pneumatic, for motor vehicles ... number	9, 808	884	97, 802	149, 414	46	18	1, 285	2, 257
Clover seed ... 1,000 lb	239	211	12, 150	14, 617	2, 019	1, 015	1, 552	2, 968
Flaxseed ... 1,000 bu	[1]	[1]	18	37	1	[1]	96	261
Potatoes, seed ... do	633	735	2, 058	2, 216	515	589	2, 815	2, 651
Hay ... 1,000 long tons	126	18	167	124	957	144	2, 816	2, 479
Peat moss and other mosses ... 1,000 lb			163, 755	145, 660			2, 766	2, 631
Fodders, miscellaneous					437	178	7, 109	1, 881

See footnotes at end of table.

Principal Exports to the United States—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Fibers, textiles, and textile products:								
Wool, raw .... 1,000 lb.	1,993	557	5,194	2,740	666	125	1,787	1,098
Artificial silk thread and yarn							(1)	1,704
Binder twine .... 1,000 lb.	8,972	10,874	35,961	21,668	628	704	3,584	3,274
Other					1,390	892	4,661	4,316
Wood, unmanufactured or partially manufactured:								
Logs .... million bd. ft.	123	155	43	43	1,530	1,710	1,444	2,078
Poles, telegraph, telephone .... thousands	417	335	320	395	1,292	1,058	1,677	2,820
Billets, blocks, squares and dimension stock							2,215	2,032
Planks and boards .... million bd. ft.	537	449	964	1,065	15,508	11,493	57,782	79,769
Shingles .... 1,000 squares	2,115	1,841	1,573	1,977	6,011	4,962	9,210	19,595
Plywoods .... 1,000 sq. ft.			8,036	24,649	1,296	964	1,040	3,552
Christmas trees					521	414	1,741	1,909
Spoolwood .... million bd. ft.	6	3	23	20	214	95	1,826	1,867
Other					1,266	821	3,895	3,591
Wood pulp .... 1,000 long tons	623	405	1,118	1,339	32,830	21,441	95,664	156,122
Paper and manufactures:								
Book paper .... 1,000 lb.	244	36	17,064	38,680	8	4	686	2,091
Newsprint .... 1,000 long tons	2,588	1,731	2,967	3,282	105,911	84,714	215,094	291,893
Newsprint paper, mutilated, or beater stock .... 1,000 lb.	18,062	35,472	31,079	44,585	221	366	804	1,596
Pulpboard, wallboard, and paperboard .... do.		21,551	72,725	89,093	659	445	2,226	3,311
Coal .... 1,000 long tons	204	198	410	271	842	877	2,412	1,626
Abrasives, artificial, crude .... 1,000 lb.	200,605	100,961	310,059	342,085	5,249	2,719	9,142	10,356
Asbestos:								
Crude and milked fibers .... 1,000 long tons	88	49	134	144	5,358	3,108	10,415	14,254
Waste, refuse, or shorts .... do.	158	100	257	353	2,919	1,992	6,567	11,080
Iron and steel:								
Iron ore .... do.	4	(1)	1,023	1,562	14	1	4,165	6,023
Pigs, ingots, blooms, billets, and ferroalloys .... 1,000 short tons	44	27	44	104	1,508	802	4,169	11,770
Metalworking machinery					1	1	67	107
Farm implements and machinery					3,318	2,353	13,837	23,479
Automobile parts					35	31	1,520	2,004
Guns, rifles, and other firearms							210	(1)
Other					2,091	937	6,631	14,083
Nonferrous metals and products:								
Aluminum scrap .... 1,000 lb.	781	524	10,406	19,785	59	32	599	1,723
Aluminum, in bars, blocks, etc. .... do.	25,645	2,234	82,805	32,522	3,822	342	9,542	3,909
Brass scrap, dross and ashes .... do.	7,604	4,870	24,123	15,037	527	229	1,740	1,344
Brass in bars, ingots, etc. .... do.			571	165			73	35
Copper:								
Fine, in ore, matte, etc. .... do.	51,048	58,512	24,971	46,184	5,115	4,030	1,673	7,389
Scrap, slag, skimmings and sludge .... do.	3,700	2,226	2,462	11,285	338	117	157	1,785
Blister .... do.	10,884	30,527			1,336	3,039		
In ingots, bars, etc. .... do.	3	34	36,353	2,109	1	3	4,462	442
Lead, in pigs, refined, etc. .... do.	1	42	42,909	116,737	(1)	1	3,179	12,663

Nickel:								
In ore, matte, or speiss......do....	14,143	7,897	22,880	19,677	2,550	1,414	3,941	4,526
In oxide......do....	1,755	350	553	12,397	354	73	115	2,940
Fine......do....	79,126	43,557	140,974	116,052	19,821	10,830	35,616	31,342
Jewelers' sweepings and precious metal scrap, n.o.p.......					875	714	1,572	1,490
Zinc in ore......1,000 lb..	171		116,401	81,150	4		3,044	2,917
Zinc spelter......do....	14,497	4,784	170,517	110,305	815	160	13,708	11,161
Platinum and related metals in concentrates......							6,247	4,369
Gypsum or plaster, crude......1,000 long tons..	656	603	1,211	1,637	853	789	1,370	1,923
Radio and wireless apparatus, except batteries......					7	4	724	84
Chemicals and allied products:								
Alcohol, industrial......1,000 pf. gal..			51	29			55	30
Soda and sodium compounds......1,000 lb..	50,665	41,821	137,354	179,206	2,171	1,596	3,349	3,675
Fertilizer......short tons..	210,291	209,598	450,193	446,620	5,057	5,306	16,907	18,139
Explosives......					18	1	32	15
Other......					2,498	897	8,363	10,046
Aircraft and parts......					25	12	1,698	786
Ships......number..	14	4	19		112	7	858	244
Cartridges......					(1)	(1)	2	1
Electrical energy......million kw. hr..	1,753	1,885	2,597	2,095	3,984	4,157	6,763	5,608
Other merchandise......					23,511	15,167	41,978	48,077
Gold bullion other than monetary......1,000 troy oz..	2,958	1,933	(2)	(2)	103,419	67,233	(2)	(2)
Gold bearing quartz dust, and nuggets obtained direct from mining operations, net......1,000 troy oz..	207	230	(2)	(2)	6,970	7,795	(2)	(2)
Silver in ore, concentrates, etc......do....	5,325	5,573	1,699	2,186	2,391	2,403	1,223	1,590
Silver bullion......do....	11,240	21,713	803	4,346	5,037	9,366	674	2,969
Coin......					59	32	(2)	(2)
Reexports:								
Merchandise......					12,042	7,784	19,292	22,088
Gold bullion, other than monetary......troy ounces..	372		(2)	(2)	13		(2)	(2)
Bullion, silver......1,000 troy oz..	427	1,062	508	399	191	467	455	283
Coin......					2,276	14,648	(2)	(2)

[1] Less than 500.
[2] Not available.
n.o.p. Not otherwise provided for.

FINANCE

Central Government Revenue and Expenditures (Millions of Canadian Dollars)

[Fiscal years ended March 31.]

Item	1939	1946	1947	1948
Revenue, total, other than borrowing	499.2	2,479.6	2,786.2	2,662.3
From taxation	420.7	2,202.2	2,427.6	2,451.9
Income taxes (ex refundable portion)	142.0	1,359.4	1,381.9	1,286.8
Income tax on individuals	46.9	686.6	670.5	659.8
Income tax on corporations	85.2	217.8	238.8	364.1
Excess profits tax	-----	426.7	442.5	227.0
Withholding on interest and dividends	9.9	28.3	30.1	35.9
Succession duties	-----	21.4	23.6	30.8
Commodity taxes	278.7	821.5	1,022.1	1,134.3
General sales tax	122.1	212.2	298.2	372.3
Customs duty on imports	78.8	170.1	237.7	293.0
Excises on liquor and tobacco	52.9	263.7	281.7	274.2
Other	24.9	175.5	204.5	194.8
Post Office (net)	.2	10.9	8.8	10.0
Sale of war assets	-----	42.6	184.3	61.2
Other revenues	78.3	223.9	165.5	139.2
Borrowing, or repayment(−)	98.1	2,918.1	−357.4	−471.0
Refundable income tax	-----	71.5	27.7	−84.2
War Savings Certificates and Stamps (net)	-----	3.8	−18.0	−37.6
Funded debt—Payable in Canada	48.9	3,090.2	218.3	−311.9
Funded debt—Payable in New York	19.9	−147.9	−38.0	46.6
Deposit certificates (net)	-----	260.0	−460.0	−180.0
All other (net)	29.3	−359.5	−87.4	96.1
Total revenue and borrowing	597.3	5,397.7	2,428.8	2,191.3
Expenditures:				
War and reconstruction	90.9	4,022.2	1,202.9	857.9
Department of National Defense	33.6	[1] 2,140.8	387.6	195.2
Wartime Prices and Trade Board	-----	127.3	127.5	57.6
Veterans' Assistance	56.5	401.3	601.7	334.9
Foreign Relief and Mutual Aid	-----	944.2	-----	-----
Loans to F.E.C.B.	-----	700.0	−680.0	−220.0
Other	.8	−291.4	[2] 766.1	[3] 490.2
Other, except loan and investment	514.9	882.9	1,061.0	1,222.8
Public debt service	113.6	338.2	395.0	379.7
Payments to Provinces	21.3	[4] 112.4	[4] 108.8	[4] 139.8
National health and welfare	29.0	213.6	289.6	332.1
Public works	-----	16.3	26.4	35.6
Other	351.0	202.4	241.2	335.6
Loan and Investment	23.7	−115.7	345.9	559.2
Total cash requirements	629.5	4,789.4	2,609.8	2,639.9

[1] Includes write-off of air training program.
[2] Includes \$640,000,000 to United Kingdom under 1946 Financial Agreement and \$137,900,000 other advances to foreign governments.
[3] Includes \$368,000,000 to United Kingdom and \$130,900,000 to other governments.
[4] Includes subsidies and grants as well as payments under Provincial tax agreements.

Central Government Public Debt (Thousands of Canadian Dollars)

March 31—	Unmatured funded debt[1]				Floating[2] debt	Total gross liabilities	Assets (active)
	Canada	London	New York	Total			
1937	2,478,491	409,868	449,000	3,337,359	205,162	3,542,521	458,569
1938	2,455,690	409,868	449,000	3,314,558	15,243	3,540,238	438,570
1939	2,510,490	406,207	469,000	3,385,697	13,894	3,710,611	558,051
1940	2,905,524	321,911	469,000	3,696,435	23,299	4,028,729	757,469
1941	3,728,519	175,222	469,000	4,372,741	34,854	5,018,928	1,395,237
1942	5,397,999	15,451	459,000	5,872,450	67,823	6,610,072	2,614,851
1943	7,534,106	12,726	439,000	7,985,832	121,800	9,119,880	3,012,031
1944	10,591,426	12,406	333,000	10,936,832	106,450	12,359,123	3,719,038
1945	13,638,698	12,066	333,000	13,983,764	165,067	15,712,182	4,538,820
1946	16,617,334	11,844	178,000	16,807,178	182,395	18,959,846	5,688,441
1947	16,382,346	11,557	148,000	16,541,903	410,287	17,698,196	4,804,108
1948	15,750,057	9,325	198,000	15,957,382	458,604	17,197,348	4,996,594

[1] As shown excludes deposit and trust funds and contingent liabilities such as the guaranteed debt of the Canadian National Railways.
[2] Consisting of matured funded debt outstanding, interest due and outstanding, post office money orders, outstanding checks.

Canadian Balance of International Payments (Millions of Canadian Dollars)

Item	With all countries			With United States			With Sterling Area		
	1938	1947	1948[1]	1938	1947	1948[1]	1938	1947	1948[1]
Current account:									
Credits, total	1,361	3,746	4,139	663	1,711	2,240	508	1,382	1,258
Merchandise exports (adjusted)	844	2,710	3,030	268	1,048	1,508	442	1,115	996
Net exports of nonmonetary gold[2]	161	99	119	161	99	119	------	------	------
Tourist and travel receipts	149	251	282	134	241	270	10	8	10
Interest and dividends paid abroad	66	62	70	25	35	37	5	13	13
Freight and shipping payments	95	322	337	39	104	132	43	153	137
All other	46	302	301	36	184	174	8	93	102
Debits, total	1,261	3,661	3,667	812	2,846	2,641	337	508	641
Merchandise imports (adjusted)	649	2,535	2,598	400	1,951	1,797	184	342	479
Tourist and travel expenditures abroad	86	167	132	66	152	112	17	12	16
Interest and dividends received	307	337	325	218	274	267	83	54	51
Freight and shipping receipts	105	278	275	55	221	216	34	37	40
All other	114	344	337	73	248	249	19	63	55
Net credits or debits on current account	100	85	472	−149	−1,135	−401	171	874	617
Official contributions overseas	------	−38	−19	------	------	------	------	------	------
Balance on current account	100	47	453	−149	−1,135	−401	171	874	617
Capital account:									
Net postwar loans by Canada	------	−563	−126	------	------	------	------	−423	−52
Repayments by U.K. on 1942 loan	------	104	64	------	------	------	------	104	+64
Transactions in securities	−33	−277	20	([3])	−219	43	−33	−50	−18
Other, including errors and omissions	−73	−54	85	([3])	[4]−27	84	−26	------	−14
Balance on capital account	−106	−790	43	−67	−246	127	−59	−369	−20
Balance on current and capital account	−6	−743	496	−216	−1,381	−274	112	505	597
Covered by:									
Convertible exchange; net receipts, or sales(−)	------	------	------	([3])	−638	[5]−770	([3])	505	597
Gold and dollar reserves; increase or decrease(−)	([3])	−743	496	([3])	−743	496	([3])	------	------

[1] Preliminary.
[2] Includes Canadian mine production purchased for Canadian monetary reserves and not exported.
[3] Not available.
[4] In 1947, $74,000,000 in gold was exported as contribution to International Monetary Fund.
[5] Includes receipts from ECA off-shore purchases in Canada, $457,000,000.

Liabilities and Assets of Bank of Canada (Millions of Canadian Dollars)

End of year	Principal liabilities[1]				Assets (securities only)		
	Notes in hands of public	Chartered Bank cash		Total liabilities or assets	Dominion–Province		Total[2]
		Notes in tills	Deposits at Bank of Canada		Under 2 Years	Over 2 Years	
1938	118	57	201	405	145	41	186
1939	162	71	217	527	182	50	232
1940	262	98	218	627	448	127	576
1941	380	116	232	843	392	217	609
1942	573	121	260	1,048	807	209	1,016
1943	752	123	340	1,308	788	473	1,260
1944	897	139	402	1,687	907	574	1,491
1945	966	163	521	2,032	1,157	688	1,856
1946	1,009	177	566	1,949	1,197	708	1,921
1947	1,027	184	536	1,926	1,022	859	1,906
1948	1,098	191	547	2,059	1,234	779	2,038

[1] Paid up capital of $5,000,000 is owned by the Government.
[2] Includes other securities.

Liabilities and Assets of the Canadian Chartered Banks (Millions of Canadian Dollars)
[Yearly average of month-end figures]

Year	Liabilities						Assets				
	Deposits					Total liabilities[2]	Cash in Canada	Securities		Loans[3]	Total assets[2]
	Total	Demand	Notice	Canadian[1]	External			Total	Dominion and Provincial Governments		
1938	2,892	690	1,630	2,449	408	3,336	252	1,440	1,143	1,191	3,349
1939	3,144	742	1,699	2,630	474	3,578	268	1,540	1,234	1,236	3,592
1940	3,250	875	1,647	2,753	431	3,690	287	1,579	1,311	1,317	3,707
1941	3,527	1,088	1,616	3,017	439	3,991	308	1,727	1,483	1,397	4,008
1942	3,905	1,341	1,645	3,319	501	4,383	340	2,073	1,807	1,367	4,480
1943	4,679	1,619	1,864	3,962	587	5,131	413	2,714	2,405	1,333	5,148
1944	5,531	1,864	2,273	4,686	716	5,972	527	3,353	2,991	1,342	5,980
1945	6,278	1,986	2,750	5,378	771	6,721	593	3,858	3,438	1,504	6,743
1946	6,919	2,155	3,327	5,993	806	7,414	673	4,287	3,735	1,641	7,480
1947	7,237	2,139	3,681	6,278	851	7,800	665	4,108	3,395	2,125	7,811
1948	7,567	2,259	3,972	6,644	817	8,127	705	4,120	3,314	2,387	8,140

[1] Deposits payable in Canadian currency, including Government deposits and deposits by other banks.
[2] Includes all other; the note issue has been largely superseded by notes of the Bank of Canada.
[3] Includes loans abroad, but is largely Canadian in all years, i.e. 79 percent in 1938; 85 percent in 1948.

Currency and exchange.—The currency system is a decimal one, based on the dollar of 100 cents, with subsidiary coins of the same denomination as in the United States.

Since the establishment of the central bank in 1935, the note issue has consisted of the notes of that bank (i. e., the Bank of Canada) and the notes of the chartered banks. The latter is a shrinking issue which, by the terms of current legislation, will be completely retired on January 1, 1950, when the Bank of Canada will become the sole issue authority.

Gold convertibility for Bank of Canada notes (in bars of 400 ounces) was provided for by the Bank of Canada Act but it has never been operative by reason of the issue of successive Orders in Council suspending this obligation temporarily. Provision has been made in the Currency Act for a standard gold coin containing 23.22 grains 9/10 fine but very little gold coin has ever been minted and, in practice, no gold coin is in circulation, the Bank of Canada having taken over the chartered banks' stocks in 1935. Inasmuch as the export of gold, except under license, has been prohibited since October 1931, the price of gold in Canada is established by the Government's buying price, which is the price (in terms of "official" funds) in the market to which Canada is currently exporting gold (most often, the New York market).

Foreign exchange control, which has been in effect since September 1939, fixes the value of the Canadian dollar in terms of other currencies and regulates the use of foreign currencies as well as the export of capital. Until July 1946, the foreign Exchange Control Board sold United States dollars at a 10 percent premium but on July 5, 1946, the rate was reestablished at par, i.e. \$1.00½ Canadian, the half-cent being a service charge. The exchange sold by the Board is called official exchange. A free or unofficial market exists in the United States in Canadian dollars which are ineligible for conversion into United States dollars at the official rate but can be disposed of, usually at a discount, to investors or tourists who can expend them in Canada. (For special rates applicable to the conversion of foreign trade values into United States dollars, see "Basis of trade statistics.")

Currency in circulation as of December 31, 1948, with 1939 data in parentheses (millions of Canadian dollars): Bank of Canada notes, dominion notes, and chartered bank notes 1,115 (247); silver, nickel, and bronze coin, 70 (34).

Holdings of Gold and United States Dollars (Millions of United States Dollars)

Date	Exchange Fund Account and Bank of Canada		Other Government of Canada accounts	Private[1]	Total gold and dollars
	Gold	Dollars	Dollars	Dollars	
Sept. 15, 1939	204.9	33.8	22.4	132	393.1
Dec. 31, 1939	218 0	54.8	33.4	98	404.2
Dec. 31, 1940	136.5	172.8	20.8	2	332.1
Dec. 31, 1941	135.9	28.2	23.5	----------	187.6
Dec. 31, 1942	154.9	88.0	75.6	----------	318.5
Dec. 31, 1943	224.4	348.8	76.4	----------	649.6
Dec. 31, 1944	293.9	506.2	102.1	----------	902.2
Dec. 31, 1945	353.9	922.0	232.1	----------	1,508.0
Dec. 31, 1946	536.0	686.3	22.6	----------	1,244.9
Dec. 31, 1947	286.6	171.8	43.3	----------	501.7
Dec. 31, 1948	401.3	574.5	22.0	----------	997.8

[1] Exclusive of working balances.

PRINCIPAL SOURCES

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- Canadian Statistical Review (monthly).
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- Labor Force Bulletin (quarterly).
- Wage Rates and Hours of Labor in Canada (annual).
- Cash Income and Sale of Farm Products, (annual).
- Quarterly Bulletin of Agricultural Statistics.
- Dairy Review of Canada (monthly).
- Field Crops in Canada—Third estimate, February, 1949.
- Tobacco Crop Report—May, 1949.
- Statistical Handbook of Canadian Tobacco.
- Monthly Review of Canadian Fisheries Statistics.
- Advance Report on Fisheries of Canada (annual).
- Raw Fur Production (annual).
- Estimate of Forest Production—Operations in the Woods (annual).
- Annual Review of Employment and Payrolls in Canada.
- Census of Industry—The Lumber Industry (annual).
  - The Pulp and Paper Industry (annual).
  - Manufacturing Industries of Canada (annual).
  - Preliminary Estimate of Manufacturing Production in Canada (annual).
  - Non-Ferrous Smelting and Refining Industry (annual).
- Mineral Production of Canada (annual).
- Report on the Construction Industry of Canada (annual).
- Survey of Production in Canada (annual).
- Steam Railway Statistics (annual).
- Highway and Motor Vehicles in Canada (annual).
- Telegraph and Cable Statistics (annual).
- Telephone Statistics (annual).
- Shipping Report for the Year Ended December 31 (annual).
- Trade of Canada (annual and monthly).
- Civil Aviation Statistics (annual and monthly reports issued jointly by Dominion Bureau of Statistics and Air Transport Board).
- Canadian Balance of Payments (annual).
- Central Electric Stations (annual).
- Production and Use of Electricity (annual).

Other Publications:
- Monthly Summary of the Bank of Canada (with 1946 supplement).
- Report of the Postmaster General of Canada (annual).
- Report of the Minister of Transport (annual).
- Statistical Summary, Bank of Canada (annual).
- Budget Speech for 1949–50 of the Minister of Finance in House of Commons Debates, Volume 88, No. 40, Tuesday, March 22, 1949.

NEWFOUNDLAND

(See general explanatory note, p. vi)

AREA AND POPULATION

Area: Newfoundland, including inland waters, 42,734 square miles; Labrador, a dependency of Newfoundland, 110,000 square miles. Population, 1945 census: 317,605 (Newfoundland, 312,889; Labrador, 4,716). Growth of population: 1874, 161,374; 1884, 197,335; 1891, 202,040; 1901, 220,984; 1911, 242,619; 1921, 263,033; 1935, 289,516. Estimated population in 1946: Newfoundland, 323,972; Labrador, 5,794.

Gainfully employed persons, 14 years of age and over, 1945 census: Total, 112,508, of which 96,000 were male and 16,508 female; principal occupations, fishing, 31,634; forestry and logging, 7,606; agriculture, 4,179; hunting and trapping, 244; mining and quarrying, 3,002; manufacturing, 10,588; building and construction, 6,174; transportation and communication, 8,392; trade, 7,817; finance, 407; service, including professional public administration, armed forces, domestic, etc., 21,856; unspecified, 10,609.

Principal towns, 1945: St. John's and outlying communities, 56,561 (54,886 in 1935); Corner Brook, 8,630; Bell Island, 7,020; Carbonear, 3,468; Windsor, 2,773; Botwood, 2,744; Bishop's Falls, 2,521; Grand Falls, 4,508; Harbour Grace, 2,404; Grand Bank, 2,331; Deer Lake, 1,932; Humbermouth, 1,914; Bonavista, 1,399.

Education.—School attendance: 1939, 65,900; 1945, 69,000. Illiteracy is estimated at between 7 and 10 percent.

AGRICULTURE AND FISHERIES

Land distribution (thousand acres): Total area, 27,000, about one-eighth water; under crops, including vegetable and root, 114; improved land, 95; forests, 16,000. Farm holdings, (acres): 134,955, of which 71,719 improved land, 14,561 pastures, and 48,675 woodlots.

Agricultural production, 1946 (quantities of leading items in units specified, with values in Canadian dollars in parentheses): Hay and fodder, 58,000 tons ($2,532,000); potatoes, 1,472,300 bushels ($2,061,000); turnips, 252,000 bushels ($352,600); cabbage, 6,979,000 pounds ($279,000); other vegetables, 221,000 bushels ($92,343); fruits, 162,000 pounds ($30,572); milk, 3,792,000 gallons ($3,223,000); butter, 466,700 pounds ($256,683); eggs, 1,576,750 dozen ($1,497,914); wool, 181,800 pounds ($91,000); poultry, 460,000 pounds ($230,000); meats, 6,210,000 pounds ($1,863,000). Total value of agricultural production, 12,516,000 Canadian dollars in 1946.

Livestock, October 1, 1947, with October 1, 1938, in parentheses: Cattle, 22,000 (23,500); swine, 11,000 (9,500); goats, 12,500 (15,000); sheep, 86,000 (90,000); horses, 14,500 (16,000); poultry, 377,000 (387,000).

Fisheries.—Dried salt codfish production (thousand pounds): 1926–35 average, 144,917; 1936–40 average, 118,272; 1941–45 average, 96,561; 1946, 110,604; 1947, 125,000. Seal fishery (average annual catch in numbers and value in Canadian dollars): 1926–35, 174,277 and $275,473; 1936–40, 156,161 and $254,922; 1941–45, 10,812 and $19,310 (decline during the war owing to shortage of ships and men); 1946, 34,241 and $119,993; 1947, 105,725 and $380,000; 1948, 141,971 and $398,020.

MINING AND MANUFACTURING

Mineral Production

[Quantity in thousand short tons; value in thousand Canadian dollars]

Yearly average or year	Iron ore		Lead-zinc-copper concentrates	
	Quantity	Value	Quantity	Value
1926–35	989	2,201	(1)	(1)
1936–40	1,645	3,755	218	3,889
1941–45	930	2,172	182	3,772
1946	1,393	4,479	147	6,616
1947	1,617	5,918	122	8,922

[1] Not available.

Newsprint.—Production (thousand short tons): 1936–40 average, 320; 1941, 345; 1942, 277; 1943, 236; 1944, 273; 1945, 333; 1946, 363; 1947, 373; 1948, 393.

Electric energy.—(Million kilowatt-hours): 1937, 847; 1938, 742; 1939, 991; 1940, 1,075; 1941, 1,004; 1942, 1,138; 1943, 1,040; 1944, 1,037; 1945, 1,149; 1946, 1,068.

TRANSPORTATION AND COMMUNICATION

Railways.—1946, with 1938 data in parentheses: Length of line, 762 miles (838), of which 705 (750) Government-owned; number of passengers, 402,604 (183,216); freight, long tons,

971,345 (592,375); operating revenues, 11,140,000 Canadian dollars (3,504,000). (Note.—Operating data are for years ended March 31, 1946, and June 30, 1938.)

Posts, telegraphs, and telephones.—1946, with 1938 data in parentheses: Number of post offices, 617 (481); pieces of mail handled, 42,670,200 (15,112,954); miles of telegraph line 5,997 (2,700); number of paid telegrams handled, 1,047,417, (493,601); miles of telephone wire, 21,500 (12,000 in 1939); number of private telephone instruments, 13,441 (8,565 in 1939).

Shipping.—Number of vessels entered, year ended March 31, 1946, 2,567 (1,729 in year ended June 30, 1938); capacity of vessels entered, in net registered tons, 1945–46, 2,012,582 (1,945,308 in 1937–38).

FOREIGN TRADE

Per capita trade.—1946–47 fiscal year ended March 31: Imports for consumption, $219.25; exports of Newfoundland products, $206.40.

Basis of trade statistics.—Rates used for conversion from Canadian dollars to United States dollars: 1933–34, imports $0.9869, exports $0.9871; 1934–35, imports $1.0091, exports $1.0093; 1935–36, imports $0.9953, exports $0.9955; 1936–37, imports and exports $1.0002; 1937–38, imports $0.9984, exports $0.9986; 1938–39, imports $0.9941, exports $0.9943; 1939–40, imports $0.9113, exports $0.9115; 1940–41 to 1943–44 inclusive, imports $0.9091, exports $0.9093; 1944–45, imports $0.9009, exports $0.9091; 1945–46, imports $0.9026, exports $0.9091; 1946–47, imports $0.9726, exports $0.9813.

Value of Imports and Exports

Year	Thousands of Canadian dollars					Thousands of United States dollars				
	Merchandise			Gold, bullion, and coin		Merchandise			Gold, bullion, and coin	
	Imports[1]	General exports	Exports of Newfoundland products	Imports	General exports[2]	Imports[1]	General exports	Exports of Newfoundland products	Imports[1]	General exports[2]
Fiscal years ending June 30:										
1934	16,293	25,046	24,556	12	1,745	16,080	24,723	24,239	12	1,723
1935	19,228	26,524	26,096	13	705	19,403	26,771	26,339	13	712
1936	20,680	28,823	28,446	11	39	20,583	28,693	28,318	11	39
1937	23,908	27,631	27,631	17	427	23,913	27,691	27,691	17	428
1938	27,883	34,915	34,483	30	29	27,838	34,866	34,434	30	29
1939	23,889	31,956	31,376	572	31	23,748	31,774	31,197	569	31
1940	28,341	33,394	32,827	81	(3)	25,827	30,438	29,922	74	(3)
1941	[4] 35,184	37,330	36,723	300	(3)	31,986	33,944	33,393	273	(3)
1942	[4] 63,702	39,400	37,416	883	(3)	57,911	35,826	34,023	803	(3)
1943 (9 months only)	[4] 52,025	30,928	28,501	351	(3)	47,296	28,123	25,916	319	(3)
Fiscal years ending March 31:										
1944	[4] 62,446	44,445	42,397	42	(3)	56,770	40,413	38,552	38	(3)
1945	[4] 65,759	48,696	46,414	65	16	59,242	44,269	42,195	59	15
1946	[4] 65,842	62,708	61,012	57	--------	59,429	57,007	55,466	51	--------
1947	74,341	72,414	69,358	66	13	72,305	71,060	68,061	64	13

[1] Before June 30, 1938, imports are general; since that date, imports for consumption.
[2] All gold exports in the years reported are reexports.
[3] Not reported in the sources.
[4] Includes imports for the armed forces amounting to $3,849,340, $19,473,514, $12,712,126, $15,907,602, $8,782,933, and $8,642,342 in 1940/41–1945/46, consecutively.

Trade with Principal Countries (Thousands of United States Dollars)

Country of origin or destination	Imports for consumption					Domestic exports				
	1937–38	1938–39	1944–45	1945–46	1946–47	1937–38	1938–39	1944–45	1945–46	1946–47
Total, exclusive of bullion and coin	**27,838**	**23,748**	**59,242**	**59,429**	**72,305**	**34,434**	**31,197**	**42,195**	**55,466**	**68,061**
United States	9,394	7,449	17,443	18,595	24,737	8,101	7,119	11,669	16,972	23,495
Canada	9,928	8,582	38,711	37,300	41,795	2,818	2,020	5,722	7,971	6,879
United Kingdom	6,341	5,834	1,881	2,346	4,076	13,154	11,187	10,960	12,743	11,231
Australia	-------	3	21	17	11	-------	-------	317	658	1,766
Jamaica	7	8	67	40	57	(1)	(1)	1,450	1,325	1,915
Belgium	63	87	-------	(2)	1	2,491	1,667	-------	-------	499
France	38	30	-------	1	18	505	405	-------	622	1,066
Germany	382	139	-------	-------	-------	780	1,407	-------	-------	563
Greece	22	19	-------	-------	54	442	381	1,260	1,483	-------
Italy	30	53	-------	-------	1	582	911	596	1,607	2,680
Netherlands	198	424	-------	1	13	1,973	2,127	-------	-------	3
Portugal	17	13	145	156	111	524	1,028	3,172	2,284	2,717
U. S. S. R.	(2)	-------	-------	-------	-------	-------	-------	-------	-------	1,083
Argentina	163	120	8	80	321	(2)	-------	678	335	1,956
Mexico	-------	-------	2	2	2	-------	-------	1,543	1,916	1,822
Puerto Rico	-------	-------	-------	(2)	-------	-------	-------	1,131	2,346	2,530
Spain	85	87	22	15	33	30	-------	1,890	2,715	1,948
Other countries	1,170	900	942	876	1,075	3,034	2,945	1,807	2,489	5,908
Percent of total:										
United States	33.7	31.4	29.4	31.3	34.2	23.5	22.8	27.7	30.6	34.5
Canada	35.7	36.1	65.3	62.8	57.8	8.2	6.5	13.6	14.4	10.1
United Kingdom	22.8	24.6	3.2	3.9	5.6	38.2	35.9	26.0	23.0	16.5

1 Not shown separately.
2 Less than $500.
NOTE.—Data are for fiscal years ended June 30, 1938 and 1939, and March 31, 1945, 1946, and 1947. Figures include imports for the armed forces.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of United States dollars)			
	1937–38	1938–39	1945–46	1946–47	1937–38	1938–39	1945–46	1946–47
Imports, total, exclusive of bullion and coin					**27,838**	**23,748**	**[1] 59,429**	**72,305**
Animals, live, edible, other than for breeding ... thousands	10	9	19	19	173	179	740	784
Horses and like draft animals ... do	1	(2)	1	1	52	8	184	163
Meats, fresh or frozen ... 1,000 lb	2,327	2,066	6,411	4,894	303	270	1,505	1,375
Meats, preserved, other than canned ... 1,000 lb	9,731	15,938	22,325	17,516	1,013	1,418	3,852	4,448
Meats, canned ... do			2,152	2,522	107	115	626	796
Lard, lard oil, lard compounds and substitutes ... 1,000 lb			1,296	1,505	64	51	198	335
Other animal fats, edible ... do	(3)	(3)	107	4,734	(3)	(3)	15	722
Other vegetable fats, edible ... do	(3)	(3)	208	2,668	(3)	(3)	36	423
Lard, milk powder, etc., for manufacture of butterine					378	337	(3)	(3)
Butter ... 1,000 lb	332	296	474	331	95	75	183	152
Cheese ... do			1,029	946	109	94	279	317
Eggs, in the shell ... 1,000 doz	140	123	946	905	46	37	393	417
Milk and cream, preserved, and milk powders ... 1,000 lb	4,285	4,430	10,732	13,660	311	315	834	1,277
Peas, beans, and lentils ... do	4,597	4,436	4,629	5,143	117	112	324	412
Oats ... 1,000 bu	406	426	647	730	202	140	476	520
Wheat flour ... 1,000 bbl	412	404	448	477	2,530	1,541	2,336	2,498
Vegetables, fresh ... 1,000 lb			33,563	36,419	189	123	1,026	985
Vegetables, other ... do			5,077	6,663	110	108	389	601
Fruits, fresh					343	337	1,012	1,243
Fruits, dried ... 1,000 lb	2,683	2,791	3,873	4,596	143	135	561	947
Fruits, canned or bottled ... do			2,425	3,704	72	66	245	442
Fruits and preparations, other, and nuts					89	85	382	496
Tea ... 1,000 lb	1,420	1,526	1,579	1,797	420	406	810	989
Sugar ... do	22,286	22,654	17,827	25,422	440	415	884	1,531
Molasses, British West Indies ... 1,000 gal	672	707	676	629	194	200	300	338
Confectionery ... 1,000 lb			1,579	2,450	264	257	453	764
Food flavorings and essences ... do	(3)	(3)	91	299	(3)	(3)	120	166
Alcoholic spirits ... 1,000 pf. gal			244	254	181	173	635	563
Beer, ale, and porter ... 1,000 gal	17	16	307	160	18	15	266	157
Salt, coarse, for curing fish ... 1,000 long tons	41	68	57	61	116	144	468	535
Soap, liquid ... 1,000 lb			1,770	2,193	44	46	208	267
Fodder and feed ... do	24,305	33,892	47,437	52,323	289	338	831	956
Tobacco and manufactures:								
Cigarettes ... do	27	24	709	272	33	29	1,440	375
Other ... do	1,111	1,036	275	1,351	295	314	194	690
Leather and manufactures:								
Footwear ... 1,000 pairs			369	521	280	243	590	994
Other					242	202	479	563
Cotton manufactures:								
Piece goods ... 1,000 lb			1,215	1,416	493	341	774	1,068
Clothing					(3)	(3)	944	1,364
Other					(4)	(4)	689	939
Wool manufactures:								
Clothing					(3)	(3)	964	1,615
Pulp and paper machine felt ... 1,000 lb			298	290	213	131	244	257
Other					(4)	(4)	572	813
Clothing of synthetic textiles					(3)	(3)	667	1,133
Hats and caps ... 1,000 doz			21	28	131	120	205	290
Textiles, other					2,699	2,207	864	1,397
Furs and manufactures					71	60	126	308
Wood and manufactures:								
Lumber ... 1,000 bd. ft	1,586	1,565	5,174	6,593	111	112	385	389
Other					284	237	737	1,013
Paper and manufactures					286	244	940	1,284
Rubber footwear ... 1,000 pairs			558	540	444	372	645	806
Rubber tires and inner tubes ... thousands	(3)	(3)	27	32	(3)	(3)	294	324
Coal ... 1,000 long tons	346	254	512	460	1,644	1,251	3,446	3,551
Gasoline and motor fuel ... 1,000 bbl	109	148	639	578	306	438	4,062	2,488

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937–38	1938–39	1945–46	1946–47	1937–38	1938–39	1945–46	1946–47
Kerosene............1,000 bbl..	29	25	42	52	102	98	148	200
Crude petroleum and fuel oil...do....	30	49	198	329	53	102	403	737
Bunker fuel oil.............do....	--------	2	262	139	--------	4	400	251
Lubricating oils, except in packages less than 1 gallon..........1,000 bbl..	10	9	21	25	107	103	213	272
Cement..................1,000 lb..	--------	--------	29, 587	37, 947	49	33	173	228
Glass and glassware..................	--------	--------	--------	--------	109	85	265	253
Sulfur..............1,000 long tons..	(3)	(3)	11	5	(3)	(3)	170	84
Iron and steel, except machinery and vehicles:								
Structural iron and steel..........	--------	--------	--------	--------	31	8	225	189
Pipes and fittings..................	--------	--------	--------	--------	75	64	275	235
Wire and manufactures..............	--------	--------	--------	--------	104	110	385	347
Other...............................	--------	--------	--------	--------	889	622	2, 001	2, 873
Nonferrous ores, metals, and manufactures..........................	--------	--------	--------	--------	198	165	488	683
Machinery and apparatus:								
Electrical (excluding office machines)........................	--------	--------	--------	--------	451	423	1, 084	1, 852
Marine engines..........number..	247	218	911	1, 214	77	65	416	483
Parts and accessories for marine engines..........................	--------	--------	--------	--------	62	--------	156	263
Construction and conveying, and parts............................	--------	--------	--------	--------	(3)	(3)	287	389
Mining and quarrying..............	--------	--------	--------	--------	254	243	81	159
Paper and pulp mill and parts....	--------	--------	--------	--------	932	176	139	210
Other, including parts............	--------	--------	--------	--------	779	448	1, 393	1, 682
Motor vehicles..............number..	[5] 702	[5] 686	562	1, 351	[5] 543	[5] 496	595	1, 445
Parts and accessories for motor vehicles, including engines..............	--------	--------	--------	--------	102	93	336	465
Tractors and parts....................	--------	--------	--------	--------	104	34	186	414
Railway rolling stock................	--------	--------	--------	--------	328	42	[6] 221	[6] 142
Ships and other vessels.....number..	--------	4	5	5	13	707	46	10
Chemicals and related products:								
Medicinal and pharmaceutical preparations.....................	--------	--------	--------	--------	(3)	(3)	549	688
Pigments, paints, and varnishes..	--------	--------	--------	--------	157	143	334	325
Fertilizers..............1,000 lb..	--------	--------	6, 532	9, 903	69	69	100	181
Explosives, fuses, etc............	--------	--------	--------	--------	15	5	187	227
Soaps, scouring powder, and toilet preparations....................	--------	--------	--------	--------	276	289	689	657
Other..............................	--------	--------	--------	--------	476	524	620	650
Toys, athletic and sporting goods.....	--------	--------	--------	--------	54	62	193	284
Photographic and projection goods....	--------	--------	--------	--------	33	68	202	228
Miscellaneous military equipment, apparatus, and parts.................	--------	--------	--------	--------	(4)	(4)	1, 155	(2)
Clocks and watches.......thousands..	--------	--------	59	47	25	22	211	112
Books, magazines, and newspapers...	--------	--------	--------	--------	101	107	178	238
Parcel post............................	--------	--------	--------	--------	403	376	719	1, 010
Returned household effects and passengers' baggage...................	--------	--------	--------	--------	100	95	391	458
Other merchandise.....................	--------	--------	--------	--------	4, 823	4, 026	3, 983	6, 081
Bullion and coin, currency, and stamps[7]............................	--------	--------	--------	--------	30	569	51	64

[1] Includes imports of the Army and Navy amounting to $7,800,578 for 1945–46.
[2] Less than 500.
[3] Not shown separately.
[4] Not available.
[5] Reported as "motorcars and tires."
[6] Excludes "locomotives and parts."
[7] Not included in total.

NOTE.—Fiscal years ended June 30, 1938, and 1939, and March 31, 1946, and 1947. The statistics for 1938 and 1939 may be incomplete, as the source shows a large miscellaneous group, items of which are reported only as imports of a specific firm or of a municipal or charitable enterprise, and do not have complete commodity distribution.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of United States dollars)			
	1937-38	1938-39	1945-46	1946-47	1937-38	1938-39	1945-46	1946-47
Domestic exports, total	-------	-------	-------	-------	**34, 434**	**31, 197**	**55, 466**	**68, 061**
Fish, fresh or frozen:								
Codfish fillets 1,000 lb	814	23	34, 625	27, 546	51	1	5, 310	4, 432
Lobster do	1, 292	1, 663	1, 590	2, 536	142	182	312	651
Salmon do	4, 401	3, 075	1, 460	2, 396	657	449	272	789
Other do	5, 493	1, 324	2, 330	5, 983	105	64	225	642
Codfish, dry shore do	89, 120	111, 904	69, 551	66, 792	3, 955	4, 359	9, 862	10, 051
Codfish, semidry do	(1)	(1)	22, 128	17, 683	(1)	(1)	2, 636	2, 359
Codfish, salt-bulk do	12, 929	21, 983	4, 174	4, 875	330	544	365	466
Codfish, ordinary cure do	12, 919	11, 230	13, 739	16, 487	442	381	1, 570	2, 005
Codfish, light-salted, salt-bulk, or pickled 1,000 lb	82	157	4, 448	3, 891	1	4	350	319
Herring, pickled, cured, salt-bulk 1,000 bbl	34	37	203	285	186	243	3, 066	4, 752
Lobsters, canned 1,000 lb	[2] 11	[2] 9	122	143	233	157	132	199
Fish and shellfish, canned, other do	-------	-------	995	931	6	7	293	354
Cod-liver oil, refined 1,000 gal	122	196	430	431	60	107	942	786
Cod-liver oil, other do	638	1, 071	602	583	245	291	448	642
Seal oil do	612	737	101	216	161	165	62	196
Whale oil do	940	7	738	751	308	2	418	749
Sealskins thousands	195	101	52	53	308	168	239	396
Furs do	-------	-------	77	103	186	76	225	449
Blueberries, fresh 1,000 lb	6, 728	4, 183	1, 330	2, 339	389	231	228	400
Pit props 1,000 cords	45	51	20	21	303	401	365	405
Pulpwood do	104	97	-------	42	847	967	-------	902
Groundwood (includes dry, screenings, laps, and pulp) 1,000 long tons	(3)	-------	13	-------	(3)	-------	691	-------
Pulp, sulphite do	4	-------	36	17	182	-------	2, 208	1, 281
Newsprint do	324	282	309	308	13, 855	12, 592	15, 287	19, 693
Other paper and manufactures do	-------	-------	16	10	-------	-------	590	655
Limestone do	263	163	225	326	263	162	204	477
Iron ore do	1, 760	1, 757	1, 000	1, 246	4, 470	4, 456	2, 774	4, 402
Fluorspar do	9	9	22	28	56	60	601	751
Ore concentrates:								
Copper do	36	40	18	18	2, 154	1, 999	812	1, 399
Lead do	42	42	39	37	1, 773	1, 375	1, 556	3, 446
Zinc do	124	100	103	94	2, 207	1, 162	2, 388	2, 659
Other long tons	452	380	254	296	128	158	131	111
Other merchandise	-------	-------	-------	-------	431	434	904	1, 243
Reexports:								
Merchandise	-------	-------	-------	-------	431	577	1, 541	2, 998
Gold, bullion, and coin	-------	-------	-------	-------	29	31	-------	13

[1] Not shown separately.
[2] Reported in thousand cases.
[3] Less than one-half the unit.
NOTE.—Data are for fiscal years ended June 30, 1938, and 1939, and March 31, 1946, and 1947.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of United States dollars)			
	1937–38	1938–39	1945–46	1946–47	1937–38	1938–39	1945–46	1946–47
Imports from the United States, total, exclusive of bullion and coin					**9,394**	**7,449**	**18,595**	**24,737**
Meats, fresh or frozen ... 1,000 lb	17	16	239	379	3	3	89	138
Meats, preserved, other than canned ... 1,000 lb	4,221	10,262	10,562	7,023	460	897	1,636	1,637
Meats, canned ... do			753	545	33	29	258	185
Lard, lard oil, lard compounds, and substitutes ... 1,000 lb			368	283	1	1	61	94
Milk and cream, preserved, and milk powders ... 1,000 lb	1,031	1,322	4,508	6,141	70	81	356	648
Peas, beans, and lentils (pulse) ... do	1,681	232	2,152	1,796	37	6	176	174
Rice, cleaned ... do	4	1	466	248	(1)	(1)	36	25
Wheat flour ... 1,000 bbl	85	62	18	56	528	241	128	344
Biscuits and bread ... 1,000 lb			247	148	4	4	67	42
Vegetables, fresh ... do			4,602	5,601	48	42	241	251
Vegetables, other ... do			1,213	2,236	32	28	125	285
Fruits, fresh					187	196	428	482
Fruits, dried ... 1,000 lb	2,013	2,180	3,575	3,876	101	103	502	784
Fruits, canned or bottled ... do			1,299	2,283	38	35	146	308
Fruits and preparations, other, and nuts					32	34	238	278
Coffee, other than green ... 1,000 lb	56		142	165	14	13	43	60
Cocoa and chocolate ... do			185	121	19	10	31	28
Sugar ... do	1,869	11,565	15,773	23,237	39	220	773	1,402
Confectionery ... do			454	859	55	35	136	270
Gelatine and jelly powders ... do			98	122	10	11	36	50
Alcoholic spirits ... 1,000 pf. gal			18	24	15	18	48	56
Beer, ale, and porter ... 1,000 gal	1	1	28	19	1	(1)	19	19
Salt, coarse, for curing fish ... 1,000 long tons		2	22	11		8	147	56
Fodder and feed ... 1,000 lb	2,989	1,513	1,221	2,416	50	25	40	86
Tobacco and manufactures:								
Cigarettes ... do	25	22	339	256	30	26	404	337
Other ... do	1,071	1,005	222	986	260	288	116	492
Leather and manufactures:								
Footwear ... 1,000 pr			216	215	149	141	356	417
Other					37	27	128	150
Cotton manufactures:								
Piece goods ... 1,000 lb			848	1,097	264	200	503	807
Clothing					(2)	(2)	443	676
Other					(3)	(3)	217	319
Wool clothing					(2)	(2)	224	455
Clothing of synthetic textiles					(2)	(2)	274	514
Hats and caps ... 1,000 doz			9	8	44	42	74	66
Textiles, other					967	759	435	649
Furs and manufactures					27	25	66	64
Wood and manufactures:								
Lumber ... 1,000 bd. ft	584	437	635	48	51	40	38	13
Other kinds					85	99	116	253
Paper and manufactures					171	144	242	334
Rubber footwear ... 1,000 pr			55	101	100	80	135	306
Rubber tires and inner tubes ... thousands	(2)	(2)	10	14	(2)	(2)	123	166
Coal ... 1,000 long tons	35	23	214	160	175	119	1,048	930
Gasoline and motor fuel ... 1,000 bbl	1	1	72	149	8	7	18	577
Crude petroleum and fuel oil ... do	(1)	1	(1)	6	(1)	3	(1)	16
Lubricating oils, except in packages less than 1 gallon ... 1,000 bbl	3	3	1	3	53	50	35	63
Asphalt, asphaltum, and similar preparations					2	1	46	117
Glass and glassware					38	34	123	124
Sulfur ... 1,000 long tons	(2)	(2)	11	5	(2)	(2)	170	84
Chinaware and crockery ware					4	3	21	17
Iron and steel; except machinery and vehicles:								
Structural iron and steel					31	8	91	102
Pipes and fittings					33	29	48	23
Wire and manufactures					11	9	105	51
Other					446	327	740	1,166
Nonferrous ores, metals and manufactures					92	78	89	155
Machinery and apparatus:								
Electrical (excluding office machines)					374	352	628	1,187
Marine engines ... number	56	42	230	335	20	21	230	190
Parts and accessories for marine engines							63	141

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937-38	1938-39	1945-46	1946-47	1937-38	1938-39	1945-46	1946-47
Machinery and apparatus—Continued.								
Construction and conveying, and parts	-------	-------	-------	-------	(2)	(2)	174	206
Mining and quarrying	-------	-------	-------	-------	48	121	47	101
Paper and pulp mill and parts	-------	-------	-------	-------	474	56	61	66
Other, including parts	-------	-------	-------	-------	446	232	904	799
Motor vehicles...number	4 540	4 496	383	766	4 398	4 343	346	886
Parts and accessories for motor vehicles (including engines)	-------	-------	-------	-------	68	56	151	199
Tractors and parts	-------	-------	-------	-------	103	33	149	350
Railway rolling stock	-------	-------	-------	-------	224	38	24	37
Chemicals and related products;								
Medicinal and pharmaceutical preparations	-------	-------	-------	-------	(2)	(2)	119	130
Pigments, paints, and varnishes	-------	-------	-------	-------	24	22	62	55
Toilet preparations	-------	-------	-------	-------	53	52	156	156
Toys, atheletic and sporting goods	-------	-------	-------	-------	26	28	54	90
Photographic and projection goods	-------	-------	-------	-------	14	19	49	41
Miscellaneous military equipment, apparatus, and parts	-------	-------	-------	-------	(3)	(3)	1,150	-------
Books, magazines, and newspapers	-------	-------	-------	-------	30	27	87	84
Parcel post	-------	-------	-------	-------	173	164	138	200
Returned household effects and passengers' baggage	-------	-------	-------	-------	21	27	88	120
Other merchandise	-------	-------	-------	-------	2,043	1,279	1,727	2,554
Bullion and coin, currency and stamps[5]	-------	-------	-------	-------	-------	-------	(1)	1

[1] Less than one-half the unit.
[2] Not shown separately.
[3] Not available.
[4] Reported as "motorcars and tires."
[5] Not included in total.

NOTE.—Fiscal years ended June 30, 1938 and 1939, and March 31, 1946, and 1947. The statistics for 1938 and 1939 may be incomplete, as the source shows a large miscellaneous group, items of which are reported only as imports of a specific firm or of a municipal or charitable enterprise and do not have complete commodity distribution.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of United States dollars)			
	1937-38	1938-39	1945-46	1946-47	1937-38	1938-39	1945-46	1946-47
Domestic exports to the United States, total	-------	-------	-------	-------	**8,101**	**7,119**	**16,972**	**23,495**
Fish, fresh or frozen:								
Codfish fillets...1,000 lb	809	(1)	5,500	10,895	50	(1)	964	1,885
Lobster...do	809	1,541	786	1,229	93	168	160	305
Salmon...do	86	57	433	383	13	8	26	148
Haddock...do	-------	-------	111	1,586	-------	-------	19	277
Other...do	803	786	587	669	32	33	76	114
Codfish, dry shore...do	764	174	1,270	203	39	8	185	34
Codfish, semidry...do	(2)	(2)	494	183	(2)	(2)	58	26
Codfish, salt-bulk...do	885	4,019	817	447	29	84	68	40
Codfish, light-salted, salt-bulk, or pickled 1,000 lb	60	154	3,477	2,503	1	3	276	218
Herring, pickled, cured, salt-bulk 1,000 bbl	24	27	87	85	133	212	1,382	1,493
Lobster, canned...1,000 lb	3 380	3 542	95	62	8	9	104	84
Fish, canned, other...do	-------	-------	790	862	1	1	383	306
Cod-liver oil, refined...1,000 gal	77	159	140	287	31	84	349	473
Cod-liver oil, other...do	258	607	498	498	99	161	368	560
Herring meal...1,000 lb	261	1,046	-------	-------	3	18	-------	-------
Fish meal, other...1,000 long tons	-------	(1)	1	1	-------	3	70	127
Sealskins...thousands	42	12	43	33	56	16	196	274
Furs...do	-------	-------	15	25	5	8	53	193

See footnotes at end of table.

Principal Exports to the United States—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937-38	1938-39	1945-46	1946-47	1937-38	1938-39	1945-46	1946-47
Blueberries, fresh......1,000 lb..	6,727	4,183	1,309	2,339	389	231	224	400
Lingon berries......do....	714	717	1,141	237	35	34	98	41
Groundwood (includes dry, screenings, laps, and pulp)......1,000 long tons..	-------	-------	1	-------	-------	-------	21	-------
Pulp, sulphite......do....	-------	-------	3	1	-------	-------	177	29
Newsprint......do....	108	79	151	181	4,730	3,936	7,032	10,615
Other paper and manufactures......do....	-------	-------	6	3	-------	-------	232	240
Fluorspar......do....	7	3	10	5	40	21	278	148
Iron ore......do....	27	-------	34	16	69	-------	125	61
Ore concentrates:								
Copper......do....	36	40	18	18	2,154	1,999	812	1,399
Gold and iron......do....	27	-------	-------	-------	69	-------	-------	-------
Lead......do....	-------	-------	39	37	-------	-------	1,556	3,446
Zinc......do....	-------	-------	64	-------	-------	-------	1,507	-------
Gravity......long tons..	-------	-------	254	296	-------	-------	131	111
Other merchandise......	-------	-------	-------	-------	22	82	42	705
Reexports:								
Merchandise......	-------	-------	-------	-------	54	105	363	652
Bullion and coin......	-------	-------	-------	-------	1	2	-------	4

[1] Less than one-half the unit. [2] Not shown separately. [3] Reported in cases.
NOTE.—Data are for fiscal years ended June 30, 1938 and 1939, and March 31, 1946, and 1947.

FINANCE

Government receipts and expenditures (in thousands of Canadian dollars).—Data are for fiscal years ended June 30, through 1942; for 9 months ended March 31, 1943; and for fiscal years ended March 31, thereafter. Receipts: 1937, 10,996; 1938, 12,272; 1939, 11,220; 1940, 12,571; 1941, 16,196; 1942, 23,314; 1943 (9 months), 19,800; 1944, 28,601; 1945, 33,342; 1946, 33,400; 1947, 37,141; 1948, 40,557. (NOTE.—The principal items of revenue in 1947–48 were Customs Department receipts of $22,918,000 and direct taxes of $10,861,000.) Current expenditures: 1937, 12,977; 1938, 13,193; 1939, 14,389; 1940, 16,609; 1941, 14,541; 1942, 14,669; 1943 (9 months), 15,640; 1944, 21,631; 1945, 25,302; 1946, 25,358; 1947, 37,178; 1948, 41,020.

Public debt, March 31, 1948 (in Canadian dollars).—Total debt 46,470,524, consisting of a net public debt of 74,652,524 (net funded sterling debt 68,789,201, net dollar debt, 4,381,776, and savings certificates outstanding, 1,481,547) minus accumulated surplus revenue of 28,182,000.

Currency and exchange.—Currency unit, the Canadian dollar, adjusted to parity with the United States dollar effective July 5, 1946 (from September 1939 to July 5, 1946, 1 dollar in United States currency was equal to $1.10 Canadian). Principal circulating medium, Canadian banknotes (Bank of Montreal, Bank of Nova Scotia, Royal Bank of Canada, and Canadian Bank of Commerce); the amount in circulation was $38,636,174 on March 31, 1945. Also in circulation, Newfoundland treasury notes of $1 and $2 in the amount of $12,248 on March 31, 1947, and coinage, excluding gold coinage which has not been in circulation in recent years, amounting to $2,828,096.81 on March 31, 1947.

Banking.—Total commercial and private deposits in banks, December 31, 1947: $93,700,000, of which non-interest-bearing deposits were $20,700,000 and interest-bearing deposits $73,000,000 ($23,900,000 in 1939). Current bank loans to the public, December 31, 1947: $21,000,000. Bank clearings, year 1947: $187,419,000 ($57,643,000 in 1939).

PRINCIPAL SOURCES

Annual Newfoundland Journal of Commerce, Newfoundland Board of Trade.
Annual Reviews of Activities of the Newfoundland Industrial Development Board.
Information Booklet of Newfoundland and Labrador, Newfoundland Industrial Development Board.
Census of Newfoundland and Labrador, 1945, Newfoundland Department of Public Health and Welfare.
Newfoundland Government Customs Returns (annual).
Annual Newfoundland Government Public Accounts.
Newfoundland Government Annual Budget Speeches.

LATIN AMERICA

ARGENTINA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 1,079,965 square miles. Population, 1947 census, 16,108,573, of which 61.4 percent is urban.

Cities, 1947 census: Buenos Aires, 3,000,371; Rosario, 464,688; Córdoba, 351,644; Avellaneda, 279,572; Lanus, 242,760; La Plata, 217,738; Santa Fé, 168,011; Tucumán, 152,508; Mendoza, 105,328; Mar del Plata, 104,513.

Education.—Data for 1945: 14,309 elementary schools, with 1,978,782 students and 79,887 teachers; 622 high schools, including 150 industrial or vocational schools, with 175,000 students; 6 universities, comprising 24 colleges, with 41,300 students.

AGRICULTURE AND LIVESTOCK

Land distribution (million acres): Under cultivation (mostly grains), 74; pasturage, 284; wooded, 222; other surface territory, 112.

Livestock, 1947 census (thousands): Cattle, 41,268; sheep, 50,857; horses, 7,238; mules and asses, 501; goats, 4,934; swine, 2,981.

Livestock products, 1947 (thousand pounds): Wool clip, 473,989; butter, 112,712; cheese, 194,567; casein, 74,112.

Slaughterings of cattle, sheep, and hogs, 1943 to 1946, consecutively (thousand head): Cattle, 6,698, 6,520, 5,975, and 7,186; sheep, 11,900, 12,582, 11,552, and 11,811; hogs, 3,500, 4,526, 3,969, and 2,550.

Principal Crops: Area and Production, by Crop Years

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1942-43	1943-44	1944-45	1945-46	1946-47	1942-43	1943-44	1944-45	1945-46	1946-47
Wheat	16,973	16,830	15,401	14,238	16,489	235,160	249,857	150,098	143,546	221,358
Corn	10,226	10,903	9,927	9,762	9,310	76,493	343,685	116,647	140,700	242,099
Oats	4,803	5,296	4,969	4,219	3,880	39,959	63,614	74,888	54,880	57,024
Barley	1,456	1,774	1,879	2,477	3,380	16,075	33,006	26,308	38,379	56,732
Rye	4,367	4,511	3,990	3,715	4,803	5,940	21,936	7,456	11,535	22,407
Linseed	6,114	5,643	4,932	4,608	4,708	53,068	61,926	30,967	37,955	41,344
Sunflower	1,655	3,888	3,686	4,049	3,882	38,566	95,312	90,629	81,880	83,904
Cotton	899	995	333	926	979	[1] 724,896	[1] 814,378	[1] 494,219	[1] 456,008	[1] 531,164
Sugar cane	526	569	592	618	617	[2] 5,353	[2] 6,075	[2] 7,229	[2] 9,654	[2] 9,180
Grapes[3]	349	462	678	790	1,750	[2] 2,057	[2] 1,727	[2] 1,321	[2] 1,553	[2] 1,418
Peanuts	269	358	351	380	361	[2] 106	[2] 219	[2] 173	[2] 153	[2] 118
Potatoes	445	469	460	445	424	[2] 1,137	[2] 1,547	[2] 1,132	[2] 1,304	[2] 897

[1] Unit, pound.
[2] Unit, short ton.
[3] Both table and wine grapes.

FISHING

Catch (metric tons), 1943 to 1947 consecutively: Fresh water fish, 24,394, 15,907, 15,368, 16,434, and 23,765; salt water fish, 37,513, 41,081, 38,820, 41,749, and 41,368.

MINING AND MANUFACTURING

Petroleum production (thousand barrels), 1944 to 1947 consecutively: 23,268, 22,916, 20,836, and 21,795.

Mineral production (thousand metric tons), 1943 to 1945 consecutively: Metallic minerals, 73, 76, and 110; nonmetallic minerals, 12,487, 14,987, and 14,168.

Industrial Statistics, 1939 and 1943—Distribution by Industrial Groups

Industries	Year	Number of establishments	Number employed: Office staff	Number employed: Workmen	Motive power installed (1,000hp.)	Salaries and wages (million pesos)	Value of raw materials (million pesos)	Value of goods manufactured (million pesos)
Total	**1939**	**16,422**	**63,891**	**557,582**	**3,146**	**1,065**	**2,810**	**4,742**
	1943	**21,807**	**87,465**	**805,441**	**3,663**	**1,591**	**4,722**	**7,881**
Foods, beverages, and tobacco	1939	3,889	15,277	111,315	544	219	1,254	1,644
	1943	4,768	18,013	160,920	606	304	2,042	2,642
Textiles and manufactures	1939	1,828	6,846	88,845	110	162	418	634
	1943	2,407	10,379	127,621	145	267	863	1,292
Forest products and manufactures	1939	1,608	1,863	36,486	53	50	66	133
	1943	2,522	3,373	68,932	76	99	170	320
Paper, cardboard, etc.	1939	216	628	9,407	62	12	36	39
	1943	316	1,090	14,246	58	22	93	145
Printing and publishing	1939	817	5,616	21,745	26	61	57	167
	1943	880	5,768	24,053	30	69	92	225
Chemicals, drugs, oils and paints	1939	458	3,589	16,687	77	33	132	190
	1943	709	6,172	28,053	128	62	266	405
Petroleum, coal, and subproducts	1939	47	882	4,300	53	12	156	195
	1943	49	1,040	4,435	74	14	164	216
Rubber and manufactures	1939	43	476	6,378	17	9	31	47
	1943	53	464	4,139	20	8	30	48
Leather and manufactures	1939	566	1,727	19,456	22	36	86	137
	1943	945	2,362	31,108	29	58	195	287
Stone, earth, glassware, and china	1939	816	1,368	21,997	133	36	39	109
	1943	1,036	2,085	33,170	157	60	80	222
Metals and manufactures excluding machinery	1939	1,417	4,170	47,813	73	81	183	306
	1943	1,716	6,674	62,506	124	120	296	508
Machinery and vehicles	1939	1,796	5,968	55,682	103	125	201	372
	1943	2,395	9,416	74,997	133	178	190	480
Electric power stations	1939	294	7,163	10,897	1,594	49	----------	248
	1943	307	7,781	12,810	1,702	59	----------	344
Building contractors	1939	1,425	2,453	44,489	41	71	101	277
	1943	1,913	3,271	56,113	45	90	129	343
Oilfields, quarries and mines	1939	203	1,534	15,762	122	29	4	83
	1943	272	2,570	22,958	196	48	6	122
Miscellaneous	1939	999	4,331	46,323	114	80	46	141
	1943	1,519	7,007	79,380	142	133	106	272

Principal industrial areas and values of manufacturing output according to 1943 industrial census (thousands of pesos): City of Buenos Aires, 3,150,562; Province of Buenos Aires, 2,665,344; Province of Santa Fé, 654,360; Province of Mendoza, 192,240; Province of Tucumán, 145,882; Province of Entre Ríos, 133,651; Territory of the Chaco, 129,995.

TRANSPORTATION AND COMMUNICATION

Statistics of Railways

Item	1943	1944	1945	1946	1947
Number of employees	134,900	142,200	147,200	150,000	150,000
Length of lines .... miles	25,928	26,272	26,368	26,368	26,368
Passengers carried .... millions	209	246	282	312	--------
Passenger-miles .... do	3,642	4,348	4,823	5,634	--------
Freight carried .... 1,000 metric tons	50,539	53,432	51,897	52,411	52,000
Ton-miles .... millions	11,093	10,891	10,511	9,758	--------
Gross receipts .... million pesos	630	743	811	846	904

Commercial Air Lines

Item	1943	1944	1945	1946	1947
Flight miles .... thousands	2,736	3,132	4,234	4,987	15,634
Flight hours .... do	12	14	21	25	56
Passengers carried .... do	67	79	89	133	224
Freight carried .... metric tons	854	941	1,177	738	19,435

Shipping.—Merchant marine, September 1939, June 1946, and March 1948, respectively: Vessels (over 1,000 gross tons only), 45, 64, and 101; capacity, deadweight tons, 267,700, 430,000, and 763,300.

Entrances of Vessels in Oversea Trade, by Country or Flag

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Number of vessels	2,619	1,995	1,589	1,335	1,334	1,485	1,552	2,092	2,378
Capacity (1,000 net registered tons), total	9,452	6,640	4,639	3,139	2,765	3,324	3,632	6,870	8,518
United States	625	860	986	314	251	216	455	2,010	2,321
Argentina	176	184	242	444	531	623	563	567	845
United Kingdom	2,928	1,799	1,203	943	820	1,151	1,179	1,807	1,750
Norway	673	780	506	149	62	78	110	473	700
Sweden	255	191	211	374	251	297	306	398	362
Spain	116	315	439	319	350	315	320	288	303
Others	4,679	2,511	1,052	596	500	644	699	1,327	2,237

Postal, Telegraph, and Telephone Statistics

Item	1943	1944	1945	1946	1947
Postal service:					
Number of offices	4,266	4,300	----	----	----
Pieces of mail ... millions	1,014	1,083	1,212	1,293	1,427
Gross receipts ... 1,000 pesos	36,455	46,000	64,900	73,900	83,000
Telegraphs:					
Length of wire ... miles	79,515	80,036	----	----	----
Messages sent ... thousands	8,581	9,100	13,110	14,866	16,000
Gross receipts ... 1,000 pesos	11,710	13,993	18,500	23,500	29,000
Telephones:					
Length of wire ... 1,000 miles	1,588	1,980	----	----	----
Number of instruments ... thousands	405	493	509	533	594
Number of exchanges	730	753	760	758	770
Gross receipts ... 1,000 pesos	69,750	85,000	96,400	----	----
Radio:					
Number of broadcasting stations	44	43	44	48	50
Number of receiving sets ... thousands	1,100	1,200	1,250	1,300	1,400

FOREIGN TRADE

Per capita trade.—1947: Imports, $81.20; exports, $101.75.

Basis of trade statistics.—Special trade, i.e., imports for consumption and exports of national (and nationalized) produce. Specie and gold bullion are shown separately; silver bullion and unmanufactured gold and silver are included as "merchandise." Export valuations are current average market values calculated monthly from official quotations of recognized commercial institutions and are f. o. b. port of shipment, including inland freight, commission, and charges up to port of shipment. Export quantities in weight are reported as net since January 1939. Values shown for total imports in the table of annual values of trade 1934–47 are "valores efectivos" (1934 through 1942 the average c. i. f. value including landing charges officially computed periodically and known as "real values"; in 1943 and thereafter as per commercial invoice). In the same table the value of imports of gold and silver reported as merchandise and all import values in the country and commodity tables are "tariff values", according to the official schedule valuations for duty purposes, in 1934 through 1942; invoice values thereafter.

Values of merchandise are expressed in "moneda nacional" (m/n); that is, paper pesos. In 1934 and 1935 specie and gold bullion are shown in "pesos oro", which are convertible into paper pesos at the fixed rate of 1 paper peso equals 0.44 peso oro. In 1936 and later years gold bullion and specie are reported in paper pesos.

Rates Used to Convert Foreign Trade Values from Paper Pesos to United States Dollars

Year	Imports	Exports	Year	Imports	Exports
1934	$0.2950	$0.2950	1941	$0.2464	$0.2809
1935	.2890	.3266	1942	.2522	.2793
1936	.3323	.3318	1943	.2510	.2889
1937	.3096	.3276	1944	.2563	.2884
1938	.2931	.2922	1945	.2552	.2926
1939	.2591	.2920	1946	.2445	.2978
1940	.2545	.2900	1947	.2445	.2978

Value of Imports and Exports

Year	Thousands of paper pesos						Thousands of dollars					
	Total[1], including gold and silver reported as merchandise		Gold and silver reported as merchandise		Gold bullion and specie not reported as merchandise		Total[1], including gold and silver reported as merchandise		Gold and silver reported as merchandise		Gold bullion and specie not reported as merchandise	
	Imports	Exports	Imports	Exports[2]	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	Real values	*Market values*	*Tariff values*	*Market values*								
1934	1, 109, 932	1, 438, 434	8	26	[3] 26	[3] 2, 885	327, 430	424, 338	2	8	17	1, 934
1935	1, 174, 981	1, 569, 349	3	253	[3] 329	[3] 3, 592	339, 570	512, 549	1	83	216	2, 666
1936	1, 116, 711	1, 655, 712	(4)	70	5, 958,	3, 387	371, 083	549, 365	(5)	23	1, 980	1, 124
1937	1, 557, 684	2, 310, 998	27	1, 385	230, 601	718	482, 259	757, 776	8	454	71, 394	235
1938	1, 460, 888	1, 400, 453	4	725	7, 032	135, 927	428, 186	409, 212	1	212	61	39, 718
1939	1, 338, 332	1, 573, 173	8	596	9, 842	30, 901	346, 762	459, 366	2	174	2, 550	9, 023
1940	1, 498, 757	1, 427, 638	9	1, 891	3, 147	246, 924	381, 434	414, 015	2	548	801	71, 608
1941	1, 276, 654	1, 464, 622	3	1, 971	13, 177	1, 174	314, 568	411, 412	1	554	3, 247	330
1942	1, 274, 362	1, 788, 958	(4)	1, 341	10, 590	----------	321, 394	499, 656	(5)	374	2, 671	----------
	Invoice values		*Invoice values*									
1943	942, 048	2, 192, 264	4	1, 565	31, 784	173	236, 454	633, 345	1	452	7, 978	50
1944	1, 007, 212	2, 360, 426	4	970	240, 449	70	258, 148	680, 747	1	280	61, 627	20
1945	1, 153, 984	2, 497, 772	(4)	2, 067	28, 584	13, 382	294, 497	730, 848	(5)	605	7, 295	3, 916
1946	2, 331, 710	3, 973, 051	29	3, 298	648, 845	73, 623	570, 103	1, 183, 174	7	982	158, 643	21, 925
1947[6]	5, 348, 500	5, 504, 900	(7)	(7)	(7)	(7)	1, 307, 700	1, 639, 400	(7)	(7)	(7)	(7)

[1] Excluding gold bullion and specie.
[2] Not including small quantities of gold and silver waste.
[3] Value in thousands of gold pesos.
[4] Less than 500 paper pesos.
[5] Less than $500.
[6] Preliminary figures. Gold, silver, and specie not reported.
[7] Not available.

Country of origin or destination	Imports					Exports—market values				
	Tariff values		Invoice values							
	1937[1]	1938	1945	1946	1947[2]	1937	1938	1945	1946	1947[2]
Merchandise, total (excluding gold and silver reported as merchandise)	**469,073**	**416,036**	**294,497**	**570,096**	**1,307,700**	**757,322**	**409,000**	**730,243**	**1,182,192**	**1,639,400**
United States	76,824	73,429	40,544	162,633	594,400	96,547	34,632	161,438	176,784	163,000
United Kingdom	88,459	76,263	29,648	75,252	109,100	220,023	134,096	189,924	261,073	491,700
Belgium	28,532	21,455	6	16,324	43,200	71,230	30,324	23,200	67,588	87,200
Bolivia	376	370	2,149	2,443	1,500	3,166	2,794	9,614	11,136	10,600
Brazil	19,964	19,644	85,140	82,576	107,400	43,271	28,726	69,469	44,645	74,300
British Asiatic possessions[3]	7,255	5,749	5	1,545	(4)	123	126	50	111	(4)
Canada	7,629	5,563	7,552	14,505	31,400	21,012	2,008	1,227	15,876	9,500
Chile	2,598	1,961	13,480	8,071	14,200	4,258	4,013	28,688	26,962	42,900
Czechoslovakia	5,683	4,904	1	874	(4)	6,811	5,328	1	5,369	(4)
Denmark	1,893	1,228	6	352	(4)	12,180	5,094	2,191	11,032	12,800
Finland	4,172	4,080	106	4,012	8,800	3,868	1,745		1,868	(4)
France	17,825	17,987	524	7,680	38,700	31,435	22,030	25,308	125,067	83,400
Germany	48,757	42,197	220	38		51,511	47,788	730	683	(4)
India	18,692	18,189	14,711	12,936	7,500	61	32	1,566	16,690	50,600
Italy	25,689	22,995	33	14,079	66,900	46,734	10,390	2,625	26,897	81,800
Japan	15,334	13,518	2	148	(4)	7,889	4,742			(4)
Mexico	51	123	4,725	4,213	11,100	309	354	15,845	8,882	2,500
Netherlands	15,027	8,005	23	2,487	10,300	71,116	30,174	11,188	35,261	78,100
Indonesia	2,961	3,408	119	645	(4)	135	101			(4)
Netherlands Antilles	13,693	15,384	5,510	23,769	32,300	76	116	3,244	2,858	(4)
Norway	4,276	3,192	661	6,930	11,400	9,907	3,715	8,349	13,311	26,300
Paraguay	1,546	1,533	5,263	5,836	6,900	3,382	3,346	10,831	11,279	11,700
Peru	14,024	18,366	3,204	5,263	4,600	4,303	3,313	11,154	15,029	18,200
Poland	5,197	4,928		429	(4)	4,965	5,083	217	3,749	(4)
Spain	3,514	1,978	9,536	7,241	23,200	1,155	2,133	29,299	40,858	94,100
Sweden	8,292	5,702	26,256	33,287	46,500	10,134	7,149	25,422	44,165	47,200
Switzerland	6,054	5,846	19,414	23,161	40,000	778	697	16,045	37,997	58,200
Uruguay	2,126	1,923	3,067	3,222	5,600	3,762	2,364	14,132	14,655	25,200
U.S.S.R.	262	66	53	944	(4)	74	356	213	22,597	9,800
Union of South Africa	227	14	8,439	12,196	7,300	1,178	1,263	12,913	39,569	20,800
Venezuela	753	16	599	18,028	24,400	143	125	7,795	16,226	12,000
Shipments "To Order"					(4)	216		594		(4)
Other countries	21,388	16.020	13,501	18,977	61,000	25,570	14,843	46,971	83,975	127,500
Percent of total:										
United States	16.4	17.6	13.8	28.5	45.4	12.7	8.5	22.1	15.0	9.9
United Kingdom	18.8	18.3	10.0	13.2	8.3	29.0	32.8	26.0	22.1	30.0
Belgium	6.1	5.2	(5)	2.9	3.3	9.4	7.4	3.2	5.7	5.3
Brazil	4.2	4.7	28.9	14.5	8.2	5.7	7.0	9.5	3.8	4.5
France	3.8	4.3	.2	1.3	3.0	4.2	5.4	3.5	10.6	5.1

See footnotes at end of table.

Trade With Principal Countries (Thousands of Dollars)—Continued

Country of origin or destination	Imports					Exports—market values				
	Tariff values		Invoice values			1937	1938	1945	1946	1947[2]
	1937[1]	1938	1945	1946	1947[2]					
Germany	10.4	10.1	.1	([5])	([4])	6.8	11.7	.1	.1	([4])
Italy	5.5	5.5	([5])	2.5	5.1	6.2	2.5	.4	2.3	5.0
Netherlands	3.2	1.9	([5])	.4	.8	9.4	7.4	1.5	3.0	4.8
Spain	.7	.5	3.2	1.3	1.8	.2	.5	4.0	3.4	5.7
Sweden	1.8	1.4	8.9	5.8	3.6	1.3	1.7	3.5	3.7	2.9
Switzerland	1.3	1.4	6.6	4.1	3.0	.1	.2	2.2	3.2	3.6
Gold and silver reported as merchandise[6], total	[7] 8	1	([8])	7	([4])	454	212	605	982	([4])
United States				([8])		139	9	593	745	
United Kingdom		1		7		286	169	([8])	5	
Belgium							34		232	
Brazil		([8])						12		
Germany						29				

[1] Gold and silver excluded from total; not excluded from countries.
[2] Preliminary figures. Includes gold and silver.
[3] Excluding Burma, Ceylon, and India.
[4] Not reported in source.
[5] Less than 0.05 percent.
[6] Not including small quantities of gold and silver waste.
[7] No country breakdown.
[8] Less than $500.

Imports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1937	Value 1938	Value 1945	Value 1946
Merchandise, total (excluding gold, silver, and specie)	-------	-------	-------	-------	**469,073**	**416,036**	**294,497**	**570,096**
Bovine animals.......number	634	244	167	683	438	146	423	1,209
Fur skins.......1,000 lb	81	72	100	204	324	364	2,222	4,779
Pepper, unground.......do	1,951	1,501	335	2,951	199	145	184	1,448
Fish and shellfish:								
Codfish.......do	9,439	9,951	65	2,509	691	690	19	1,013
Sardines.......do	6,515	5,431	667	240	832	444	342	126
Edible oils.......do	27,666	41,261	166	130	2,542	3,587	85	52
Sugar.......do	59	6,637	76,362	49,670	2	193	2,476	4,246
Coffee, green.......do	50,096	61,186	67,202	77,907	3,070	3,550	6,926	8,989
Cacao beans.......do	10,249	12,189	21,738	18,352	1,047	1,178	2,049	2,009
Tea.......do	5,922	4,562	3,555	2,893	1,409	1,323	1,430	1,157
Yerba mate, roasted.......do	88,509	83,602	54,596	59,446	4,520	4,042	3,082	3,816
Rice.......do	114,593	111,522	([1])	2	1,372	1,085	([2])	([2])
Fresh fruits:								
Bananas.......1,000 bunches	8,601	8,246	2,635	3,961	1,210	1,099	2,642	4,199
Oranges.......1,000 lb	108,105	128,132	110,221	92,266	3,450	3,872	3,453	3,781
Apples and pears.......do	6,654	4,778	-------	1	319	216	-------	([2])
Almonds.......do	2,082	2,627	799	3,488	308	318	204	704
Potatoes.......1,000 bu	7,512	1,029	-------	5	9,206	1,194	-------	5
Seed potatoes.......do	1,397	1,054	116	273	1,713	1,222	347	701
Leaf tobacco.......1,000 lb	16,009	18,476	16,937	19,652	3,420	3,706	5,356	7,617
Cigarettes.......do	318	460	136	292	325	444	168	364
Whiskey, bottled.......dozen	69,790	83,232	61,447	76,328	354	399	1,150	1,342
Rayon yarn.......1,000 lb	11,540	4,937	109	2,063	17,679	7,160	241	3,429
Silk yarn.......do	342	345	136	300	874	834	2,194	4,073
Rayon fabrics.......do	202	211	358	915	1,162	1,147	1,986	4,478
Silk fabrics.......do	344	378	28	115	2,636	2,743	432	2,365
Wool yarn, pure and mixed.do	1,743	1,736	148	763	688	643	275	1,548
Wool fabrics, pure and mixed	-------	-------	-------	-------	10,124	10,743	1,284	4,086
Cotton, raw.......1,000 lb	2,181	793	1,635	2,460	334	115	341	562
Cotton yarn.......do	10,665	9,553	2,859	897	2,476	2,075	2,622	854
Cotton sewing thread	-------	-------	-------	-------	1,554	1,228	2,256	2,568
Cotton piece goods:								
Unbleached.......1,000 lb	10,520	8,074	2,856	964	2,751	2,008	2,513	889
White.......do	13,899	14,254	2,880	2,052	5,861	5,622	5,754	4,450
Dyed and printed.......do	43,100	43,714	9,553	6,264	19,008	18,201	17,248	12,355
Cotton and wool mixtures 1,000 lb	641	653	4	15	392	379	9	38
Cotton and silk mixtures 1,000 lb	476	443	2	13	810	712	18	71
Jute, raw.......do	25,125	20,495	11,438	32,229	898	694	861	2,148
Maguey, raw.......do	8,699	5,390	11,055	7,266	311	182	1,508	1,112
Hemp, raw.......do	1,601	1,346	5,791	3,362	57	46	883	714
Burlap.......do	192,166	209,023	75,252	65,427	17,660	18,187	11,397	8,740
Jute bags.......do	8,972	4,497	3,023	2,035	849	390	482	242
Binder twine.......do	6,605	8,059	60	-------	675	779	12	-------
Sewing twine for bags.......do	1,879	1,553	-------	693	288	225	-------	231
Aniline dyes.......do	2,694	1,688	2,154	2,698	1,220	725	3,247	2,921
Calcium carbonate.......do	22,088	17,124	21,150	16,592	677	497	1,197	755
Sulfate of aluminum.......do	28,028	7,589	2,938	8,400	1,066	270	94	180
Copper sulfate, impure.......do	3,373	3,844	10,503	6,504	172	186	808	396
Rosin.......do	33,618	27,214	7,258	14,376	949	718	441	1,052
Caustic soda.......do	45,435	39,988	39,678	42,478	1,160	967	1,148	1,138
Soda ash.......do	63,375	49,243	64,008	79,150	971	714	1,004	1,142
Other sodium salts and compounds 1,000 lb	28,199	18,706	22,071	23,260	788	595	1,529	1,133
Medicinal solutions for hypodermic use, in small vials or flasks dozen	412,559	476,907	312,733	435,734	279	305	888	1,167
Medicinal tablets, pills, etc	-------	-------	-------	-------	340	354	687	792
Insecticides, powdered, liquid, etc.......1,000 lb	3,454	4,140	3,228	3,665	652	698	944	726
Sheep dips.......do	19,556	18,856	24,247	28,069	2,996	2,735	2,285	2,403
Logs, cedar.......long tons	15,173	14,649	45,150	82,115	121	111	906	2,087
Logs, South American hardwood long tons	22,640	24,442	70,236	67,316	129	132	1,105	1,154
Pine wood unplaned:								
White, South American 1,000 sq. ft	121,378	106,581	135,966	217,161	3,174	2,638	15,845	23,785
Spruce.......do	87,204	78,975	3,681	7,997	3,192	2,737	414	915
Yellow (pitch-tea).......do	89,363	70,134	-------	1,575	3,739	2,778	-------	206
White, other than South American.......1,000 sq. ft	998	417	72	127	52	21	9	18

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1937	Value 1938	Value 1945	Value 1946
Plywood ... 1,000 lb.	49,630	43,686	25,518	39,160	1,642	1,433	2,127	3,679
Walnut veneer ... 1,000 sq. ft.	11,897	13,337	6,357	13,660	149	158	276	640
Wood pulp ... long tons	42,280	37,915	28,707	50,358	1,451	1,232	2,840	5,324
Casks and barrels, wood ... thousands	730	441	488	304	821	470	2,305	1,204
Cork ... 1,000 lb.	10,156	10,358	14,571	13,163	1,345	1,038	1,776	2,212
Oak, unplaned ... 1,000 sq. ft.	7,380	8,741	21	911	540	606	2	157
Cardboard ... 1,000 lb.	46,778	40,572	38,570	50,747	2,038	1,667	2,719	3,576
Wrapping paper ... do.	21,864	21,751	57,256	78,855	1,349	1,179	4,890	6,950
Newsprint paper ... do.	372,733	279,084	217,365	314,323	11,421	8,095	10,907	16,074
Office and writing paper ... do.	69,413	49,174	47,485	76,852	5,317	3,566	4,704	7,986
Cigarette paper ... do.	1,554	1,789	817	1,697	476	519	567	1,078
Photographic paper ... do.	403	360	118	767	412	348	134	826
Cellophane, in sheets ... do.	733	1,065	1,033	1,910	234	322	573	839
Books, printed ... do.	797	910	578	785	163	176	461	536
Pig iron ... long tons	51,283	27,790	21,310	33,816	1,056	542	1,633	1,915
Steel rails ... do.	39,169	23,714	342	16,764	1,792	1,027	46	1,470
Bars, plates, and sheets, iron and steel ... 1,000 lb.	663,371	426,594	18,829	207,199	11,282	7,554	1,566	11,768
Wire and cable, iron and steel (including telephone) ... 1,000 lb.	240,955	146,345	36,120	162,304	7,787	5,515	3,642	10,774
Black and galvanized sheets ... do.	382,300	193,091	44,267	228,773	7,321	3,348	3,786	10,698
Pipes and fittings ... 1,000 lb.	150,190	141,631	19,398	49,433	7,002	5,048	2,055	5,401
Screws, nuts, and bolts ... do.	12,948	14,505	951	7,838	963	1,079	184	1,247
Nails and rivets ... do.	9,069	7,147	2,457	3,017	446	327	853	653
Tinplate ... do.	178,731	123,220	74,210	82,292	7,302	4,766	4,930	5,223
Steel ties and fishplates ... do.	6,729	4,732	187	1,759	410	273	14	86
Tools					2,735	1,671	1,370	3,852
Razor blades ... pounds	211,384	200,158	2,196	12,921	540	484	9	45
Unfabricated structural shapes ... 1,000 lb.	189,188	104,600	7,001	79,307	3,864	2,023	433	3,973
Iron girders ... do.	32,440	20,430	817	17,317	663	395	57	700
Tin bars or ingots ... do.	1,651	1,535	3	884	253	223	2	689
Boilers ... long tons	3,986	6,500	312	635	586	953	95	317
Sewing machines ... number	58,812	44,987	5,707	19,651	791	585	316	1,149
Typewriters ... do.	24,375	21,567	1,673	13,166	960	804	138	1,076
Adding, calculating machines, etc. ... number	4,459	3,408	1,484	5,898	402	290	244	1,227
Refrigerators and parts					527	541	102	894
Machinery up to 500 kilograms ... long tons	4,837	5,097	509	3,041	1,660	1,656	1,070	4,266
Machinery, 500-1,000 kilograms ... long tons	2,554	2,920	197	1,701	584	632	273	1,694
Machinery, over 1,000 kilograms ... long tons	44,668	37,041	2,691	15,280	7,664	6,017	3,226	13,531
Electric motors and dynamos over ¼ hp. ... long tons	2,878	3,046	592	1,358	988	990	747	1,668
Plows and shares					1,671	1,513	164	337
Tractors, farm and other ... number	3,300	5,041	----	765	3,710	5,313	----	1,177
Harvesters ... do.	1,443	3,212	32	268	2,135	4,286	92	824
Reapers and cleaners ... do.	3,553	3,016	327	2,952	388	567	44	386
Parts for agricultural machinery ... long tons	4,464	5,524	777	1,329	1,732	2,287	418	855
Airplanes ... number	41	13	2	219	424	194	318	3,262
Passenger automobiles ... do.	30,722	37,923	95	6,699	9,190	11,850	122	8,890
Trucks ... do.	2,336	5,952	30	4,960	594	1,397	41	7,866
Chassis ... do.	13,183	8,909	123	3,509	3,671	2,390	308	6,536
Automobile parts ... long tons	3,520	3,059	184	3,424	3,061	2,539	459	6,399
Bicycles, tricycles, and velocipedes ... number	81,553	175,295	9,006	43,739	1,159	2,356	205	1,306
Parts for bicycles, etc ... 1,000 lb.	492	585	465	490	578	650	470	496
Locomotives ... number	45	108	----	6	872	2,914	----	22
Parts for locomotives ... long tons	7,445	6,892	2,668	9,916	1,686	1,418	627	2,523
Railway material					1,799	3,228	581	2,475
Railway cars ... number	19	186	----	----	693	5,082	----	----
Copper electric wire and cable ... 1,000 lb.	6,682	6,686	3,069	6,591	1,902	1,853	1,145	1,955
Copper, electrolytic, in ingot and sheets ... 1,000 lb.	8,513	9,597	17,574	12,334	1,739	1,856	3,226	1,646
Copper conduits ... do.	2,236	1,864	278	1,188	1,062	846	345	1,475
Copper, bronze, and yellow metal in bars and sheets ... 1,000 lb.	2,733	2,665	889	2,232	558	515	156	398
Aluminum, bars and ingots ... do.	1,368	1,593	2,650	4,494	419	462	488	586
Zinc, ingots and bars ... do.	19,315	14,431	6,654	16,929	888	628	732	1,436

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Zinc sheets, plain........1,000 lb.	6,571	6,563	3,040	7,582	369	349	585	1,084
Watches, common metal, gilded or not, silver plated, etc. number..	891,015	906,471	934,328	764,495	2,009	1,935	3,546	3,034
Building sand.........1,000 tons..	1,285	1,515	1,360	1,509	1,176	1,312	1,230	1,710
Paraffin, crude or refined 1,000 lb..	11,074	4,096	404	1,944	1,696	594	63	140
Sulfur (frasch)..........long tons..	18,708	17,250	30,110	23,561	642	560	1,323	670
Cement, white..........1,000 bbl..	35	45	13	24	401	494	102	181
Cement, Portland............do....	581	439	9	8	1,227	878	32	40
Glass, common.......1,000 sq. ft..	22,078	17,956	3,713	10,480	1,285	979	476	1,264
Glass, fine or crystal.......do....	2,310	2,654	1,781	2,339	861	944	697	986
Asbestos board, powder, cloth, etc.......................1,000 lb..	3,766	3,302	22,120	12,770	489	308	1,977	1,864
Coal.......................1,000 tons..	3,067	2,778	756	1,126	24,561	21,057	14,058	19,437
Crude petroleum......long tons..	559,648	652,987	140,938	896,497	25,607	28,285	2,800	15,544
Fuel and Diesel oil.....1,000 bbl..	8,174	10,236	2,780	16,264	13,118	14,917	6,672	31,985
Lubricating oils...............do....	71	61	17	55	2,279	1,867	276	1,002
Natural rubber............1,000 lb..	21,385	17,142	812	11,056	10,921	8,288	842	4,168
Automobile tires and tubes.do....	1,356	1,140	608	21,992	718	582	362	9,714
Synthetic rubber..............do....	(3)	(3)	2,357	10,102	(3)	(3)	771	1,921
Storage batteries and parts........	----------	----------	----------	----------	621	446	99	475
Dry cell batteries.........1,000 lb..	4,361	3,064	376	1,496	557	370	77	349
Radiotelephone apparatus..do....	193	191	2	223	312	272	5	471
Ordinary radio tubes..............	----------	----------	----------	----------	1,343	928	19	580
Radiotelephone materials.........	----------	----------	----------	----------	1,057	932	117	1,542
Incandescent and fluorescent lamps.....................1,000 lb..	1,457	1,459	757	2,312	595	521	1,031	2,742
Electric switches..............do....	537	900	91	399	247	392	338	1,740
Current meters..........number..	73,829	32,084	46,687	46,666	997	410	511	577
Film, photographic and X-ray 1,000 doz..	1,697	1,807	191	1,952	424	434	342	1,098
Film, motion-picture.....1,000 lb..	262	339	137	468	409	498	708	1,752
Materials for petroleum exploitation..........................	----------	----------	----------	----------	2,480	2,644	65	487
Lead pencils...............1,000 lb..	696	619	427	601	387	336	451	807
Paints, liquid and paste..........	----------	----------	----------	----------	1,040	1,115	336	565
Ships, over 6 tons, armed or not number..	8	9	----------	31	321	120	----------	5,711
Combs, except tortoise shell and ivory...................1,000 lb..	118	59	213	390	181	86	529	760
Refractory brick.......hundreds..	46,231	40,850	36,003	37,629	130	109	661	605
Other merchandise................	----------	----------	----------	----------	90,231	80,858	64,958	124,394
Gold, silver and specie (reported as merchandise), total............	----------	----------	----------	----------	8	1	(2)	7
Gold, crude, gold dust, grain troy ounces..	5	2	1	----------	(2)	(2)	(2)	----------
Silver bars, spongy silver.do....	20,126	2,411	----------	7,909	8	1	----------	7

[1] Less than 500 pounds.
[2] Less than $500.
[3] Not reported in source.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise, total (excluding gold, silver, and specie)	-------	-------	-------	-------	**757, 322**	**409, 000**	**730, 243**	**1, 182, 192**
Cattle ... number	70, 501	122, 730	413, 866	340, 282	1, 809	2, 693	17, 403	14, 937
Horses ... do	7, 378	5, 183	9, 557	10, 631	349	320	1, 483	1, 661
Sheep ... do	723, 441	652, 303	919, 194	834, 888	1, 679	999	2, 123	1, 966
Beef, chilled ... 1,000 lb	770, 466	754, 912	333, 135	401, 451	55, 880	48, 708	34, 426	44, 411
Beef, frozen ... do	203, 072	226, 481	55, 287	99, 046	9, 405	9, 730	4, 775	10, 012
Mutton ... do	113, 892	104, 990	222, 484	275, 619	11, 833	9, 880	20, 388	28, 608
Pork, frozen ... do	21, 204	18, 464	134, 139	48, 281	1, 789	1, 260	12, 017	5, 863
Meat, salted or jerked ... do	19, 614	17, 736	7, 273	5, 974	1, 106	827	670	711
Meats, canned ... do	168, 193	163, 700	146, 099	175, 801	11, 163	13, 081	25, 841	34, 961
Tongue, frozen, preserved ... do	9, 687	9, 352	7, 216	5, 851	2, 272	1, 966	2, 495	2, 552
Edible offal ... do	63, 753	64, 451	39, 932	41, 275	3, 382	3, 334	3, 656	4, 139
Fowl, frozen ... do	4, 351	3, 874	15, 268	13, 613	644	524	3, 627	4, 343
Meat extracts, meat meal ... do	30, 013	25, 324	9, 138	12, 061	1, 909	1, 376	4, 659	10, 204
Hams, fresh, cooked, smoked, salted ... do	13, 799	12, 582	44, 833	19, 645	1, 999	1, 497	8, 314	5, 037
Bacon, excluding frozen ... do	7, 690	4, 333	13, 697	15, 225	690	333	1, 893	2, 984
Sausages ... do	2, 631	2, 466	11, 038	26, 251	274	242	3, 193	8, 643
Meat pastes ... do	248	341	1, 412	16, 308	22	30	643	5, 138
Hides and skins, raw:								
Cattle, salted ... 1,000 lb	278, 004	261, 269	164, 565	238, 079	35, 804	21, 100	22, 767	48, 400
Cattle, dried ... do	35, 201	32, 937	6, 182	26, 270	5, 800	3, 327	979	7, 635
Sheep and lamb skins ... do	37, 319	40, 157	39, 804	58, 087	5, 724	3, 487	6, 344	10, 020
Horsehides, salted and dried ... 1,000 lb	8, 274	7, 277	18, 161	20, 825	840	508	1, 898	2, 793
Goat and kid skins ... do	5, 701	4, 949	2, 224	3, 433	1, 840	908	723	1, 300
Hides and skins, tanned, and sole leather:								
Sheep and lamb skins ... 1,000 lb	135	210	1, 464	3, 636	16	20	2, 016	7, 076
Cattle hides ... do	115	228	6, 697	8, 337	66	94	7, 485	11, 680
Sole leather ... do	101	435	22, 143	20, 725	18	85	6, 738	9, 412
Wild-animal fur skins, including lizard skins ... 1,000 lb	2, 821	3, 496	2, 342	1, 358	2, 586	1, 963	4, 949	5, 148
Leather manufactures:								
Shoes ... dozen pairs	947	3, 772	76, 413	139, 406	15	62	2, 888	10, 553
Other ... 1,000 lb	9	8	1, 266	1, 755	10	2	11, 748	15, 663
Wool: Greasy ... do	213, 710	285, 064	194, 787	308, 073	44, 541	35, 869	24, 514	47, 449
Washed ... do	25, 986	30, 906	103, 801	101, 811	8, 400	6, 607	41, 162	45, 126
Other ... do	16, 261	18, 860	51, 365	45, 221	3, 192	2, 450	13, 464	13, 731
Butter ... do	19, 359	16, 173	26, 356	29, 090	3, 066	3, 360	6, 166	10, 261
Eggs ... do	5, 455	13, 536	19, 456	13, 165	671	1, 720	9, 513	8, 046
Cheese ... do	3, 267	5, 474	23, 807	36, 219	492	747	5, 751	11, 248
Casein ... do	34, 114	29, 436	74, 511	73, 400	3, 064	1, 040	7, 760	20, 358
Stearin ... do	9, 524	9, 112	6, 958	5, 871	476	298	836	951
Glycerin ... do	3, 631	4, 433	9, 551	6, 541	377	292	1, 347	1, 998
Tallow and grease ... long tons	77, 139	51, 294	96, 587	51, 041	9, 754	4, 503	24, 012	23, 506
Animal hair and bristles ... 1,000 lb	9, 489	6, 781	11, 025	16, 047	1, 937	1, 551	11, 617	9, 885
Bones ... do	192, 671	112, 840	136, 518	178, 908	2, 044	816	2, 444	4, 654
Tripe ... do	20, 833	15, 399	8, 005	12, 498	1, 612	775	3, 323	5, 817
Wheat ... 1,000 bu	142, 828	71, 295	86, 625	50, 976	155, 930	53, 592	96, 740	90, 187
Corn ... do	357, 750	104, 016	22, 511	86, 608	196, 239	52, 748	17, 284	115, 798
Linseed ... do	70, 943	49, 806	5, 300	1, 474	90, 266	52, 953	8, 691	2, 446
Oats ... do	27, 792	26, 303	5, 670	22, 926	8, 084	6, 622	2, 669	17, 167
Barley ... do	11, 689	9, 708	12, 274	30, 116	6, 965	5, 373	10, 123	43, 682
Rye ... do	3, 635	206	5, 778	6, 122	3, 614	104	6, 300	14, 035
Millet ... do	38, 162	58, 708	11, 640	194, 660	352	571	192	4, 826
Wheat flour ... 1,000 bbl	1, 071	945	2, 014	454	5, 446	2, 988	6, 979	2, 551
Brans and pollards ... long tons	365, 379	382, 508	42, 449	282, 184	7, 888	6, 523	1, 081	12, 595
Oilseeds (except linseed) ... 1,000 lb	12, 647	53, 807	193, 533	38, 448	347	1, 017	8, 805	2, 788
Oilcakes ... do	250, 723	250, 557	641, 062	557, 676	2, 772	2, 469	9, 757	16, 615
Vegetable oils:								
Linseed oil ... do	108	203	102, 073	326, 891	8	14	9, 365	65, 274
Other vegetable oils ... do	368	7	11, 457	196, 335	12	1	24, 257	43, 969
Apples, fresh ... do	11, 936	9, 224	39, 159	52, 839	386	270	3, 911	5, 383
Pears, fresh ... do	27, 684	39, 661	31, 382	52, 498	920	1, 200	2, 306	4, 433
Sugar ... do	2, 770	5, 800	8, 417	5, 644	147	316	589	429
Spaghetti ... do	1, 455	1, 079	5, 681	48, 451	62	50	312	6, 169
Sharkliver oil ... do	[1]	[1]	559	602	[1]	[1]	2, 472	4, 224
Cotton, raw (except linters) ... do	27, 513	49, 297	18, 710	52, 536	3, 864	3, 542	2, 494	9, 223
Quebracho extract ... do	437, 569	370, 241	422, 115	456, 930	13, 171	10, 079	18, 517	20, 748
Fabric, wool or wool mixed ... do	11	47	2, 368	1, 827	13	42	8, 055	7, 361
Blankets and shawls, wool or wool mixed ... 1,000 lb	299	217	1, 864	4, 502	65	47	2, 850	6, 500
Clothing, ready-made, wool or wool mixed ... 1,000 lb	34	99	820	664	12	31	3, 148	2, 730
Other merchandise	-------	-------	-------	-------	22, 209	20, 064	115, 296	163, 962
Gold and silver reported as merchandise, total	-------	-------	-------	-------	454	212	605	982
Silver: Ore ... 1,000 troy oz	9, 953	3, 871	43, 455	48, 352	168	50	593	982
Bars and ingots ... do	576	334	16	[2]	286	162	12	[3]

[1] Not reported in source.
[2] Less than 500 troy ounces.
[3] Less than $500.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Imports from the United States, total (excluding gold, silver, and specie)	----	----	----	----	**76,824**	**73,429**	**40,544**	**162,633**
Prunes 1,000 lb	4,122	5,674	----	171	316	411	----	27
Potatoes (for consumption) 1,000 bu	341	----	----	5	418	----	----	5
Hops 1,000 lb	----	[1]	214	1,316	----	[2]	225	1,408
Leaf tobacco do	2,402	2,508	2,179	3,048	491	485	1,493	2,368
Cigarettes do	216	341	133	277	221	330	163	339
Cotton yarns and manufactures	----	----	----	----	347	292	118	782
Sisal binder twine 1,000 lb	2,476	3,226	60	----	253	312	12	----
Silk stockings pounds	1,045	1,530	944	36,442	11	15	22	677
Aniline dyes 1,000 lb	330	218	381	1,570	149	93	348	1,169
Rosin do	32,406	24,418	245	6,453	911	635	18	444
Soda ash do	10,191	17,600	9,902	16,446	156	255	223	340
Caustic soda do	22,972	25,951	6,516	10,348	586	627	207	347
Medicinal capsules and gelatin perles 1,000 lb	4	5	21	30	8	11	228	344
Medicinal tablets, pills	----	----	----	----	[3] 28	37	562	712
Medicinal solutions for hypodermic use, in small vials or flasks dozen	33,263	35,639	156,454	279,386	22	23	641	980
Other medicines, drugs	----	----	----	----	270	265	1,125	2,239
Paints, colors, and varnish other than aniline dyes	----	----	----	----	1,150	1,243	497	1,626
Paraffin, crude or refined 1,000 lb	4,630	4,096	80	1,925	709	594	17	138
Insecticides do	[3] 1,281	1,159	1,186	1,930	[3] 283	262	311	488
Other chemicals and related products	----	----	----	----	3,536	3,424	5,542	11,936
Paper, for office and writing 1,000 lb	2,598	992	257	4,270	199	72	27	458
Cigarette paper do	1	3	131	819	[2]	1	67	401
Cellophane, in sheets do	297	528	130	1,071	95	159	149	383
Casks and barrels, wood thousands	697	402	304	145	785	428	1,697	748
Boards, planks, beams, unplaned 1,000 sq. ft	[3] 128,655	101,690	34	2,726	[3] 5,357	4,048	24	405
Other wood and manufactures	----	----	----	----	450	276	397	714
Iron and steel and manufactures:								
Black and galvanized sheets, iron and steel 1,000 lb	9,635	9,884	11,684	165,689	194	183	607	6,821
Wire and cable, iron and steel, (including telephone) 1,000 lb	[3] 15,878	21,252	4,823	93,719	[3] 544	585	469	5,083
Pipes and fittings do	9,581	6,208	2,635	15,537	541	322	216	1,135
Screws, nuts and bolts do	[3] 2,429	932	214	2,662	[3] 167	72	28	425
Other iron, and steel and manufactures	----	----	----	----	2,983	2,152	1,748	12,714
Machinery and apparatus:								
Typewriters number	14,946	9,761	5	6,240	589	364	1	539
Refrigerators and parts	----	----	----	----	522	532	82	820
Machinery, up to 500 kilograms long tons	1,679	1,793	62	228	576	582	137	1,772
Machinery, 500–1,000 kilograms long tons	604	724	22	838	138	157	51	739
Machinery, over 1,000 kilograms long tons	9,158	6,885	340	6,911	1,571	1,118	258	5,720
Other machinery and apparatus	----	----	----	----	2,328	1,982	404	4,052
Harvesters number	879	2,564	----	75	1,259	3,360	----	213
Reapers and gleaners do	1,582	1,758	300	2,423	228	436	39	301
Tractors, farm and other do	3,231	4,848	----	745	3,626	5,139	----	1,143
Parts for agricultural machinery long tons	3,242	4,091	657	1,152	1,326	1,783	345	761
Other agricultural machinery and apparatus	----	----	----	----	1,890	1,700	152	466
Airplanes number	16	10	1	185	75	56	12	1,799
Passenger automobiles do	27,812	33,556	59	4,283	8,215	10,328	80	5,805
Trucks do	2,262	5,755	5	3,973	565	1,352	5	6,280
Chassis do	12,395	8,438	6	1,688	2,761	1,908	2	2,272
Automobile parts long tons	3,140	2,678	135	3,086	2,722	2,212	346	5,554
Locomotives and parts	----	----	----	----	19	11	495	1,256
Railway material	----	----	----	----	260	118	295	526

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Copper, electrolytic, in ingots and sheets........1,000 lb..	5,032	5,609	1	1,900	1,028	1,085	(2)	245
Tinplate........do....	[3] 36,321	26,171	70,643	65,409	[3] 1,484	1,012	4,632	3,885
Emery stone........do....	336	224	495	1,782	34	22	239	740
Sulfur (frasch)........long tons..	8,450	15,930	16,154	22,359	290	518	592	612
Coal........do....	17,504	13,565	277,865	406,098	140	103	5,920	6,974
Crude petroleum........do....	188,987	205,099	------	85,139	8,647	8,884	------	1,722
Lubricating oils........1,000 bbl..	38	27	14	50	1,243	814	239	942
Cement, white........do....	28	38	6	12	322	410	47	90
Synthetic rubber........1,000 lb..	(4)	(4)	2,357	7,629	(4)	(4)	771	1,428
Automobile tires and tubes..do....	510	303	29	18,928	269	158	14	8,735
Other rubber and manufactures....	------	------	------	------	760	594	100	1,880
Furskins........1,000 lb..	1	(1)	70	175	3	2	1,423	4,179
Radiotelephone materials and apparatus........	------	------	------	------	2,079	1,671	102	2,257
Dry cell batteries........do....	3,943	2,539	18	1,204	503	307	5	292
Electric switches........do....	19	1	(1)	249	9	1	(2)	1,196
Incandescent and fluorescent lamps........1,000 lb..	107	91	214	1,172	44	35	264	1,382
Photographic goods except paper.	------	------	------	------	[3] 564	538	919	1,904
Ships, over 6 tons, armed or not ....number..	1	------	------	21	30	------	------	4,869
Materials for petroleum exploitation........	------	------	------	------	1,790	1,422	1	338
Lenses for eyeglasses....dozen pr..	84,495	5,259	127,287	137,718	48	3	286	516
Books, printed matter........	------	------	------	------	216	228	330	418
Seeds........1,000 lb..	[3] 2,123	4,869	528	597	[3] 72	788	286	314
Other merchandise........	------	------	------	------	7,399	4,084	4,489	22,041
Gold, silver, and specie reported as merchandise, total........	------	------	------	------	------	------	------	(2)
Silver bars, spongy silver ....troy oz..	------	------	------	127	------	------	------	(2)

[1] Less than 500 pounds.
[2] Less than $500.
[3] Country breakdown incomplete.
[4] Not reported.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Exports to the United States, total (excluding gold, silver, and specie)	---	---	---	---	**96, 547**	**34, 632**	**161, 438**	**176, 784**
Animals and animal products:								
Horses............number..	63	43	12	81	47	96	59	382
Meats, canned.......1,000 lb..	45, 430	41, 237	21, 371	4	2, 945	3, 285	3, 511	1
Fowl, frozen............do....	246	193	7, 437	112	30	21	1, 840	35
Meat extracts and meat meal 1,000 lb..	4, 164	4, 156	1, 345	2, 180	272	134	1, 029	2, 634
Meat pastes.........pounds..	5, 190	14, 085	242, 887	22, 344	(1)	1	311	27
Hides and skins, raw:								
Cattle, salted.........1,000 lb..	59, 776	38, 969	14, 473	31, 731	7, 721	3, 154	1, 963	7, 205
Cattle, dried............do....	1, 404	1, 369	659	2, 460	225	125	105	663
Sheep and lamb skins..do....	11, 905	8, 964	25, 688	23, 988	1, 371	561	4, 353	4, 600
Horse hides, salted and dried 1,000 lb..	1, 504	381	14, 965	10, 525	111	20	1, 596	1, 447
Goat and kid skins.....do....	4, 425	4, 021	1, 850	1, 984	1, 266	609	575	764
Hides and skins, tanned, and sole leather:								
Sheep and lamb skins 1,000 lb..	126	202	94	1, 825	10	17	102	2, 978
Cattle hides............do....	(2)	27	2, 747	4, 739	(2)	1	600	1, 382
Sole leather............do....	2	---	18, 864	9, 383	1	---	5, 735	4, 143
Wild-animal fur skins, including lizard skins 1,000 lb..	(2)	2, 551	1, 983	1, 031	(2)	900	4, 133	3, 615
Leather manufactures:								
Shoes............dozen pairs..	---	---	13, 428	51, 453	---	---	905	5, 514
Other leather manufactures 1,000 lb..	(2)	(3)	579	749	(2)	(1)	7, 471	8, 710
Wool:								
Greasy...............do....	47, 419	39, 125	161, 200	205, 231	9, 915	4, 583	19, 693	29, 145
Washed...............do....	9, 707	3, 968	57, 066	34, 573	3, 134	772	20, 982	11, 723
Other.................do....	3, 199	3, 984	48, 023	39, 941	564	534	10, 300	9, 765
Cheese.....................do....	1, 228	1, 407	7, 403	17, 714	184	205	1, 821	5, 455
Casein.....................do....	3, 060	289	49, 930	40, 155	311	11	4, 897	11, 072
Glycerin...................do....	1, 946	2, 786	3, 913	4, 488	199	176	414	706
Horse and other animal hair 1,000 lb..	1, 369	946	3, 247	2, 028	335	251	4, 465	3, 184
Bones......................do....	84, 513	33, 316	65, 827	73, 133	913	240	1, 266	2, 110
Tripe......................do....	4, 998	3, 045	5, 498	8, 858	406	156	2, 485	4, 241
Sharkliver oil.............do....	(4)	(4)	550	546	(4)	(4)	2, 458	3, 732
Agricultural products:								
Linseed.............1,000 bu..	26, 361	13, 327	928	431	33, 371	14, 060	1, 511	715
Canary seed.........1,000 lb..	10, 441	8, 201	11, 367	9, 844	378	144	426	494
Corn................1,000 bu..	42, 364	59	---	---	22, 273	32	---	---
Brans and pollards long tons..	(2)	1	486	68, 162	(2)	(1)	14	2, 894
Peanuts.............1,000 lb..	1	---	54, 821	---	(1)	---	2, 542	---
Vegetable oils:								
Linseed oil..........do....	(2)	---	75, 754	62, 553	(2)	---	6, 813	14, 472
Cottonseed oil.......do....	(2)	---	34, 118	2, 246	(2)	---	3, 333	225
Other vegetable oils.do....	(2)	---	107, 842	5, 767	(2)	---	10, 822	1, 194
Pears, fresh............do....	3, 126	1, 888	11, 953	14, 970	100	56	826	1, 330
Grapes, fresh...........do....	10, 988	9, 894	3, 024	605	316	264	466	98
Cotton linters..........do....	(4)	---	---	12, 121	(4)	---	---	992
Guinea straw............do....	410	27	2, 768	10, 208	7	(1)	273	898
Alfalfa seed............do....	---	399	9, 613	7, 868	---	41	1, 498	1, 515
Forestry products:								
Quebracho extract.......do....	92, 326	61, 621	192, 847	154, 038	2, 770	1, 677	8, 165	6, 825
Minerals and metals:								
Tungsten ore.......long tons..	126	(3)	746	334	92	(1)	1, 211	402
Mica....................do....	61	19	309	276	23	10	534	303
Confectionery............1,000 lb..	(2)	---	8, 299	2, 904	(2)	---	2, 135	812
Clothing, ready-made, wool or mixed.............1,000 lb..	---	---	127	50	---	---	726	290
Other merchandise................	---	---	---	---	7, 257	2, 496	17, 074	18, 092
Gold and silver reported as merchandise, total................	---	---	---	---	139	9	593	745
Gold..........................	---	---	---	---	---	---	---	---
Silver:								
Ore.........1,000 troy oz..	6, 736	---	43, 380	38, 535	139	---	593	745
Bars and ingots....do....	---	26	---	---	---	9	---	---

[1] Less than $500.
[2] Country breakdown incomplete.
[3] Less than one-half the unit.
[4] Not reported.

FINANCE

Government Revenues and Expenditures[1] (Millions of Pesos)

Year	Revenues: General collections	Revenues: Loan budget	Expenditures: General expenditures	Expenditures: Loan budget
1937	944.7	243.3	931.3	243.3
1938	934.2	270.4	950.7	270.4
1939	950.3	348.9	1,010.7	348.9
1940	915.9	182.7	1,086.0	182.7
1941	856.4	195.2	1,117.9	195.2
1942	956.7	275.3	1,205.8	275.3
1943	971.6	401.1	1,307.3	401.1
1944	1,299.5	863.1	1,416.9	889.2
1945	1,358.7	898.8	1,610.3	1,016.5
1946	1,778.2	651.6	2,123.6	651.6
1947[2]	2,523.8	(3)	2,666.1	1,730.7
1948[2]	3,092.0	(3)	3,091.6	1,146.5
1949[4]	3,860.0	709.8	3,859.8	709.8

[1] In addition to the revenue and expenditure accounts shown, there is also a special accounts budget, which consists of receipts from sources allocated to specific purposes and is therefore self-balancing.
[2] Estimated.
[3] The Budget Laws of these years did not, as in prior years, authorize the necessary issues; instead, the necessary financing was authorized and carried out as required.
[4] Proposed.

Public Debt (Millions of Pesos)

Year	Consolidated: External[1]	Consolidated: Internal[1]	Floating	Total
1937	934.0	2,859.3	170.8	3,964.1
1938	1,003.7	3,041.3	427.5	4,472.5
1939	1,135.0	3,292.1	502.8	4,929.9
1940	1,102.2	3,397.9	687.2	5,187.3
1941	1,077.2	3,948.5	963.7	5,989.4
1942	1,012.7	4,227.0	1,216.5	6,456.2
1943	929.8	4,690.0	1,552.9	7,172.7
1944	564.0	5,758.4	2,069.8	8,392.2
1945	519.9	6,535.1	2,484.9	9,539.9
1946	114.2	8,579.6	2,879.9	11,573.7
1947	101.7	9,623.4	[2] 2,713.0	[2] 12,438.1

[1] Includes bonds held by the Argentine Treasury.
[2] Estimate.

Principal Assets and Liabilities of the Central Bank of the Argentine Republic (Millions of Pesos)

Year	Gold at home	Gold abroad	Exchange: With gold guarantee	Exchange: Other	Total gold and exchange	Notes in circulation	Total sight liabilities
1939	1,224		171		1,395	1,191	1,802
1940	1,071		258		1,329	1,224	1,771
1941	1,075		467		1,542	1,380	2,033
1942	1,076		1,021		2,097	1,627	2,580
1943	1,091		2,109		3,200	1,886	3,561
1944	1,242		2,586		3,828	2,354	4,479
1945	1,223		3,451		4,674	2,819	5,248
1946	1,711	1,885	2,091	120	5,807	4,065	5,650
1947	660	370	2,044	611	3,685	5,346	7,354

Currency and exchange.—The unit of currency is the peso. Multiple exchange rates for the peso have been in effect for several years.

Average Annual Exchange Rates
(Selling rates—pesos per dollar in Buenos Aires)

Year	Preferential	Ordinary	Auction	Free
1939	3.70	[1] 4.32		4.33
1940	3.73	4.23		4.37
1941	3.73	4.23		4.24
1942	3.73	4.23	4.94	4.24
1943	3.73	4.23	4.94	4.06
1944	3.73	4.23	4.94	4.03
1945	3.73	4.23	4.94	4.04
1946	3.73	4.23	4.94	4.09
1947	3.73	4.23	4.94	4.08

[1] From August 22 to end of year

PRINCIPAL SOURCES

Síntesis Estadística Mensual de la República Argentina.
Estadística Industrial de la República Argentina.
Boletín Estadístico, Banco Central de la República Argentina.
Memoria Anual, Banco Central de la República Argentina.
Memoria y Balance, Banco de Crédito Industrial Argentino.

BOLIVIA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 419,470 square miles. Population 1947 estimate, 3,854,000; 1900 census, 1,766,541. Racial distribution, 1942 (percent of total): White, 15 (mostly of Spanish descent); mestizo (mixed), 30; Indian, 54.7; other races, 0.3.

Principal cities, with 1948 official population estimate: La Paz (actual capital), 319,600; Cochabamba, 83,000; Oruro, 50,000; Sucre (legal capital), 35,000; Potosí, 47,000; Santa Cruz, 38,200; Tarija, 18,500; Trinidad, 9,700.

Education.—School enrollment: Primary (1943 estimate), 167,346; secondary (1942 estimate), 8,167. Higher education: 5 universities, with 1,734 students. Illiteracy (1945 estimate): 80 percent of the population over 7 years of age.

AGRICULTURE AND FORESTRY

The agriculture and stockraising industries, although employing many times the number of workers in the mining industry, are of secondary importance from a value standpoint. Food imports are relatively large. Area reported under cultivation, December 1947, 17,500,000 acres.

Principal Crops: Area and Production

Crop	Area (acres)	Production (metric tons)	
	1947-48[1]	1937-38	1947-48[1]
Wheat	49,000	32,648	16,000
Barley	198,000	28,119	60,000
Corn	247,000	80,958	150,000
Quinua	47,000	3,725	19,000
Oats	1,770	8,559	500
Yucca	32,600	32,696	33,000
Sugar	(2)	(2)	[3] 2,600
Rice	(2)	8,480	6,000
Peanuts	(2)	2,447	2,500
Sunflower seed	(2)	(2)	200
Brazil nuts	(2)	(2)	[4] 5,000
Tea	(2)	(2)	5
Potatoes	(2)	92,434	402,000
Coca	(2)	(2)	[5] 3,420

[1] Estimated.
[2] Not available.
[3] Unrefined brown sugar.
[4] Year 1948.
[5] Year 1945.

Livestock (thousands), 1946 estimates: Cattle, 3,039; sheep, 4,289; goats, 1,809. 1938 census: Hogs, 523; asses, 273; horses, 100. 1931 census: Llamas, alpacas, and vicunas, 2,000.

Forest products.—Rubber and cinchona bark from which quinine is obtained are Bolivia's principal exploited forest products, although production of both of these commodities decreased in 1947 and the first half of 1948. Exports, which closely approximate production, have been as follows since 1941:

Rubber (in metric tons): 1941, 1,156; 1942, 1,506; 1943, 2,444; 1944, 3,263; 1945, 4,052; 1946, 4,344.

Quinine and its salts (in kilograms): 1941, 155; 1942, 2,265; 1943, 4,410; 1944, 5,792; 1945, 6,304; 1946, 11,500.

Under the stimulus of the Rubber Development Corporation, rubber production increased from 1,500 metric tons in 1942 to approximately 5,000 metric tons in 1946. With the expiration of the Corporation's contract on December 31, 1946, production declined to an estimated 1,500 metric tons in 1947.

MINING AND MANUFACTURING

Mining.—Mining is Bolivia's most important economic activity; about half of the Government's revenues come from that industry. Tin is principal mineral product and main export. Production (in metric tons) totaled 38,221 in 1946; 33,789 in 1947; and approximately 34,000 in 1948. Petroleum production (approximate, in barrels), was 360,000 (of 42 U. S. gallons each) in 1946 and 377,000 in 1947. Capacity is much greater than actual production; the wells could produce 3,000 to 4,000 barrels a day. Full production awaits utilization of a pipe line (completed 1949) from Camiri to Cochabamba and Sucre, and completion of refinery units at the latter two points.

Other mineral products: Antimony, lead, zinc, tungsten (wolfram), silver, copper, bismuth, sulfur, and gold. Minerals shipped customarily to Pacific coast ports as produced; therefore, export figures ordinarily considered as production figures (see export statistics in Foreign Trade section).

Manufacturing.—Industrial activities, 1947: Number of industrial establishments, 400; employees, 15,000; value of annual production, $24,000,000. Principal industries, in order of importance, in terms of value of production: Electricity; textiles and clothing; beverages; foodstuffs; glassware and ceramics; construction materials; chemicals and pharmaceuticals; leather and leather products; tobacco products; graphic arts; metallurgy; lumber and furniture; paper and cardboard; rubber and rubber manufactures; and fuels.

TRANSPORTATION AND COMMUNICATION

Railways, 1945: Lines in operation, 1,612 miles. Highways, 1945: Total 8,938 miles (8,317 unimproved; 621, improved earth roads). Motor vehicles in operation, January 1, 1947: Automobiles, 7,727; motorcycles, 92.

Telephone instruments, January 1, 1947, 7,700. Radio broadcasting stations, July 1, 1946, about 47. Radio receiving sets in operation, 1944, 40,000.

FOREIGN TRADE

Per capita trade.—1947: Imports, $15.45; exports, $21.15.

Basis of trade statistics.—The statistics for exports represent exports including reexports. Imports are valued c. i. f., frontier, excluding duties; exports are valued f. o. b., frontier, including duties.

The monetary unit employed in recording values of imports and exports is the boliviano of 18 pence. Rates used to convert the values to United States dollars are shown in the following table.

Rates Used to Convert Bolivian Trade Values to United States Dollars

Year	Imports	Exports	Year	Imports	Exports: Total, excluding minerals other than tin	Exports: Minerals other than tin
1934	$0.2389	$0.2389	1940	$0.2747	$0.2747	$0.3289
1935	.2349	.2349	1941	.2681	.2681	.3546
1936	.3650	.3650	1942	.2681	.2681	.3546
1937	.3709	.3709	1943	.2681	.2681	.3546
1938	.3668	.3668	1944	.2681	.2681	.3546
1939	.3327	.3327	1945	.3012	.2681	.3546
			1946	.3012	.2681	.3546
			1947	.3012	.2681	.3546

Value of Imports and Exports

Year	Thousands of bolivianos of 18 pence				Thousands of dollars			
	Total trade, including gold, silver, and specie		Gold, silver, and specie		Total trade, including gold, silver, and specie		Gold, silver, and specie	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
1934	66,430	147,226	----------	26,714	15,870	35,172	----------	6,382
1935	74,269	148,462	----------	14,550	17,446	34,874	----------	3,418
1936	55,464	100,008	----------	11,434	20,244	36,503	----------	4,173
1937	56,853	124,599	144	14,508	21,087	46,214	53	5,381
1938	68,045	94,830	64	7,873	24,959	34,784	23	2,888
1939	57,771	117,817	1	9,317	19,220	39,198	(1)	3,100
1940	93,915	174,182	17,905	7,043	25,798	49,810	4,918	2,316
1941	103,573	212,003	76	8,157	27,768	60,669	20	2,892
1942	123,983	227,104	17	9,165	33,240	65,657	5	3,250
1943	146,131	283,155	----------	9,217	39,178	81,605	----------	3,268
1944	139,693	271,144	----------	8,757	37,452	77,554	----------	3,105
1945	134,028	287,650	----------	9,772	40,369	80,432	----------	3,465
1946	170,534	262,320	(2)	12,568	51,366	73,647	(1)	4,457
1947	197,731	284,336	(2)	13,161	59,556	81,429	(1)	4,667

[1] Less than $500.

[2] Less than 500 bolivianos.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports				Exports, including reexports			
	1938	1939	1945	1946	1938	1939	1945	1946
Total[1]	**24,959**	**19,220**	**40,369**	**51,366**	**34,784**	**39,198**	**80,432**	**73,647**
United States	6,588	4,881	12,837	19,032	1,603	3,587	49,764	43,858
Belgium	929	848	----------	6	7,565	6,636	(2)	7
Czechoslovakia	145	593	(2)	----------	(2)	----------	----------	----------
England	1,807	1,244	1,372	1,831	21,733	25,394	27,402	26,028
France	368	402	----------	16	6	8	477	241
Germany	4,641	2,669	----------	----------	397	199	----------	----------
Italy	256	508	----------	6	4	1	----------	1
Netherlands	326	320	----------	4	1,598	1,335	----------	5
Sweden	263	172	80	881	126	93	----------	60
Switzerland	143	130	531	726	234	215	(2)	(2)
Argentina	3,347	2,676	10,212	11,931	646	616	2,195	2,583
Brazil	198	205	3,653	2,314	548	331	204	339
Chile	1,118	896	3,370	4,902	89	193	118	73
Ecuador	16	15	45	116	1	(2)	(2)	----------
Peru	2,386	2,398	7,670	7,125	85	98	129	241
Japan	1,811	981	----------	----------	118	471	----------	----------
Mexico	(2)	2	272	465	(2)	1	8	26
Cuba	4	3	3	1,401	(2)	----------	(2)	3
Other countries	613	277	324	610	31	20	135	182
Percent of total:								
United States	26.4	25.4	31.8	37.1	4.6	9.2	61.9	59.5
Belgium	3.7	4.4	----------	(3)	21.7	16.9	----------	(3)
England	7.2	6.5	3.4	3.6	62.5	64.8	34.1	35.3
Germany	18.6	13.9	----------	----------	1.1	.5	----------	----------
Netherlands	1.3	1.7	----------	(3)	4.6	3.4	----------	(3)
Argentina	13.4	13.9	25.3	23.2	1.9	1.6	2.7	3.5
Brazil	.8	1.1	9.0	4.5	1.6	.8	.3	.5
Chile	4.5	4.7	8.3	9.5	.3	.5	.1	.1
Peru	9.6	12.5	19.0	13.9	.2	.2	.2	.3
Japan	7.3	5.1	----------	----------	.3	1.2	----------	----------
Gold, silver, and specie, total:	23	(2)	----------	(2)	2,888	3,100	3,465	4,457
United States	----------	(2)	----------	----------	643	1,276	3,424	4,332
Belgium	----------	----------	----------	----------	2,218	1,638	----------	----------
England	----------	----------	----------	----------	2	22	(2)	68
Germany	23	----------	----------	----------	3	6	----------	----------
Switzerland	----------	----------	----------	----------	----------	82	----------	----------
Argentina	----------	----------	----------	----------	15	21	41	57
Japan	----------	----------	----------	----------	7	55	----------	----------

[1] Including gold, silver, and specie.

[2] Less than $500.

[3] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity 1938	Quantity 1939	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1938	Value 1939	Value 1945	Value 1946
Imports, total[1]					**24, 959**	**19, 220**	**40, 369**	**51, 366**
Live animals:								
Cattle 1,000 lb	9, 597	18, 893	24, 968	25, 834	687	687	1, 697	1, 835
Other do	3, 395	4, 906	5, 599	3, 749	756	1, 031	370	322
Animal products:								
Lard do	890	2, 304	5, 731	4, 671	71	134	717	561
Milk, powdered or canned do	1, 171	1, 393	4, 648	6, 889	102	97	651	862
Butter do	82	194	992	494	14	27	199	126
Fish and fish products, all kinds 1,000 lb	2, 689	1, 184	1, 213	1, 530	152	72	152	223
Hides and skins, tanned do	25	26	60	97	55	78	183	247
Footwear, leather do	120	118	79	92	76	65	186	280
Foodstuffs:								
Rice do	25, 015	13, 266	24, 075	25, 079	456	216	1, 233	2, 222
Wheat 1,000 bu	1, 441	1, 323	1, 844	997	1, 237	645	1, 200	1, 202
Wheat flour 1,000 bbl	114	89	204	393	532	244	1, 287	2, 860
Fruit, fresh 1,000 lb	115	266	2, 155	1, 488	3	5	143	114
Vegetable oils, edible do	1, 169	915	1, 373	3, 082	92	68	154	445
Tea do	354	294	454	536	102	72	143	187
Sugar do	56, 829	61, 850	81, 429	65, 940	961	928	4, 775	6, 658
Malt or malted barley 1,000 bu	293	117	293	162	358	90	489	325
Wines, beer, and liquor 1,000 gal	35	38	34	34	78	79	98	121
Rubber tires 1,000 lb	450	334	525	788	178	119	390	512
Gums and resins do	1, 485	1, 693	639	749	74	64	106	89
Fibers and manufactures:								
Cotton:								
Raw do	1, 993	2, 667	4, 535	3, 944	297	307	852	771
Thread and yarn do	529	396	84	72	197	109	123	136
Fabric do	4, 390	3, 214	1, 409	1, 354	1, 476	788	1, 822	1, 918
Wool:								
Unmanufactured do	93	--------	2, 346	2, 814	26	--------	807	1, 150
Yarn do	199	214	59	234	146	119	101	313
Fabric do	434	199	130	141	436	219	433	501
Silk:								
Yarn do	68	54	174	239	44	21	144	208
Fabric do	293	230	138	181	197	140	342	618
Sacks for metals do	2, 520	2, 442	2, 583	3, 440	159	158	434	609
Hats, all kinds do	192	63	55	35	170	72	167	148
Stockings and socks do	191	94	92	170	197	131	305	430
Knitwear do	146	96	121	200	95	74	214	281
Footwear, other than leather do	107	112	76	412	26	27	46	150
Wood, common and fine long tons	18, 371	13, 666	14, 631	11, 697	320	280	637	601
Paper and products:								
Printing 1,000 lb	2, 296	2, 601	3, 476	4, 149	61	51	215	304
Other do	1, 957	2, 186	1, 120	1, 640	177	153	247	275
Coal and coke long tons	32, 932	26, 128	16, 534	21, 639	235	146	227	199
Petroleum and products:								
Crude petroleum 1,000 bbl	235	232	430	424	416	326	1, 214	1, 112
Kerosene do	13	7	29	17	77	34	184	109
Gasoline do	70	67	171	185	439	371	973	1, 072
Lubricating oil do	15	13	16	20	211	170	283	316
Marble and clay manufactures 1,000 lb	59	2	2, 979	1, 996	5	(2)	125	98
Cement 1,000 bbl	38	14	31	3	37	20	133	21
Iron and manufactures:								
Bars, beams, and sheets 1,000 lb	12, 354	9, 364	5, 707	7, 331	426	262	220	352
Sanitary installations do	501	694	413	599	57	62	70	86
Pipes and accessories do	9, 313	7, 535	4, 169	5, 061	427	422	292	302
Kitchen utensils and tableware 1,000 lb	1, 087	618	427	542	123	68	135	202
Rails and other railway material 1,000 lb	13, 718	9, 079	11, 595	8, 738	342	158	306	236
Electrical equipment:								
Wire for installations do	471	494	335	541	99	94	87	144
Dynamos, motors, and transformers 1,000 lb	1, 247	519	443	429	339	184	199	206
Radios and radio-phonographs do	209	234	4	46	146	152	4	61
Telephone and telegraph apparatus 1,000 lb	27	53	63	94	27	42	113	125
Domestic appliances do	145	156	51	366	62	46	36	193
Machinery and implements:								
Locomotives and tenders long tons	301	700	503	696	37	56	136	76
Boilers, motors, pumps 1,000 lb	486	465	243	617	129	107	119	310
Road-building machinery do	--------	133	1, 548	2, 658	--------	32	353	638
Mining machinery do	7, 002	3, 523	6, 449	4, 913	922	420	1, 098	1, 383
Textile machines do	122	744	464	810	34	50	220	295

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Machinery and implements—Continued								
Typewriters, adding and calculating machines ....1,000 lb..	93	98	56	74	101	110	123	188
Agricultural machinery..........do....	311	625	877	1,945	64	98	161	422
Agricultural tools..............do....	1,141	605	472	622	106	51	87	111
Mechanic's tools................do....	2,586	1,070	712	643	377	225	277	279
Other machines for industry...do....	4,096	3,452	846	1,507	996	796	376	587
Vehicles and parts:								
Automobiles and busses...long tons..	799	841	88	417	344	315	53	229
Trucks.......................do....	1,763	1,601	1,439	2,976	620	485	704	1,438
Airplanes and motors......1,000 lb....	254	81	200	117	811	174	348	185
Railway cars...............long tons..	588	1,488	140	90	168	413	56	25
Vehicle parts...................do....	249	211	405	338	178	152	635	420
Chemical products:								
Aniline, bluing, etc..........1,000 lb..	128	160	228	237	104	98	264	249
Pharmaceutical specialities.....do....	412	358	810	834	311	235	753	934
Industrial chemicals:								
Acids.........................do....	915	955	1,163	1,386	31	34	71	90
Calcium carbide.............do....	2,356	2,831	2,379	2,486	67	63	95	95
Other.........................do....	3,673	3,247	3,619	5,552	274	177	316	395
Colors, varnishes, enamels......do....	383	254	500	679	48	32	89	116
Other paints and inks...........do....	636	788	871	936	64	74	121	121
Explosives:								
Dynamite and black powder 1,000 lb..	3,646	3,996	4,814	4,117	370	378	474	609
Percussion caps, fuses, detonators..............1,000 lb..	320	271	385	175	110	112	131	127
Soaps...........................do....	650	710	942	2,716	49	51	93	304
Miscellaneous products:								
Photographic and motion-picture plates and films............1,000 lb..	32	34	34	73	78	93	282	388
Scientific instruments..........do....	65	92	117	107	67	62	183	173
Firearms and accessories.........do....	84	538	9	13	305	933	51	19
Books and printed matter......do....	116	146	785	1,408	37	28	502	541
Matches.........................do....	480	476	590	916	186	146	154	258
Other merchandise.....................	-------	-------	-------	-------	4,472	3,293	6,381	7,923
Gold, silver, and specie:								
Gold, unmanufactured..................	-------	-------	-------	-------	-------	(2)	-------	-------
Nickel coins...........1,000 troy oz..	932	-------	-------	-------	23	-------	-------	-------
Silver coins..........................	-------	-------	-------	-------	-------	-------	-------	(2)

[1] Including gold, silver, and specie.
[2] Less than $500.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Total exports, including reexports[1]	-------	-------	-------	-------	**34, 784**	**39, 198**	**80, 432**	**73, 847**
Cattle……1,000 lb..	2, 016	1, 088	4, 138	1, 783	449	233	102	104
Cattle hides, salted……do….	2, 084	2, 347	1, 174	1, 619	246	240	149	214
Almonds and chestnuts……do….	8, 848	7, 611	-------	442	641	421	-------	66
Rubber……do….	2, 013	2, 620	8, 932	9, 674	291	369	3, 662	4, 166
Cinchona bark……do….	1, 950	1, 748	985	201	379	331	339	52
Quinine and salts……do….	-------	-------	14	25	-------	-------	290	442
Coca leaves……do….	866	896	920	922	369	265	322	400
Vicuna rugs……do….	3	7	7	6	81	183	46	54
Petroleum, crude……barrel..	44	20	148, 200	136, 926	(2)	(2)	142	238
Copper:								
Ore……1,000 lb..	1, 893	6, 475	13, 441	13, 124	167	582	1, 579	1, 582
Sulphide……do….	4, 413	2, 442	-------	-------	398	208	-------	-------
Lead ore and slag……do….	29, 031	31, 108	20, 962	18, 593	984	954	1, 228	1, 088
Tin:								
Concentrates……do….	53, 224	57, 851	95, 169	[3] 80, 635	22, 139	26, 425	61, 359	[3] 51, 413
Slag……do….	3, 861	3, 102	-------	3, 629	1, 590	1, 418	-------	2, 313
Zinc ore……do….	23, 604	17, 129	46, 243	42, 302	738	509	2, 798	2, 580
Antimony ore……do….	20, 804	22, 179	12, 203	15, 352	1, 173	1, 528	1, 174	2, 285
Wolfram concentrate……do….	3, 346	4, 413	5, 095	2, 804	1, 898	2, 062	3, 297	1, 536
Other merchandise……	-------	-------	-------	-------	353	370	480	664
Gold, silver, and specie:								
Gold ore……1,000 troy oz..	10	9	3	3	357	289	111	100
Silver:								
Ore……do….	5, 516	6, 011	6, 684	6, 018	2, 188	2, 261	3, 354	4, 285
Sulphide……do….	323	424	-------	79	129	159	-------	59
Cement……do….	-------	9	-------	6	-------	4	-------	4
Bars……do….	-------	1	-------	-------	-------	(2)	-------	-------
Dross……do….	536	796	-------	-------	213	304	-------	-------
Slag……do….	-------	-------	-------	2	-------	-------	-------	2
Scrap……do….	(4)	-------	-------	-------	1	-------	-------	-------
Nickel coins……do….	-------	1, 884	-------	-------	-------	83	-------	-------

[1] Including gold, silver, and specie.
[2] Less than $500.
[3] Reported as tin ore.
[4] Less than 500 troy ounces.
NOTE.—Quantity figures for minerals refer to metallic content.

Principal Imports from the United States

Commodity	Quantity			Value (thousands of dollars)		
	1938	1939	1945	1938	1939	1945
Imports from the United States, total[1]	-------	-------	-------	**6, 588**	**4, 881**	**12, 837**
Foodstuffs:						
Milk, powdered or canned……1,000 lb..	314	414	4, 359	31	35	604
Fish and fish products, all kinds……do….	809	374	837	50	24	91
Rice……do….	1, 580	80	4	40	2	1
Wheat flour……1,000 bbl..	23	16	50	108	39	317
Rubber:						
Tires……1,000 lb..	407	307	82	165	110	51
Other products……do….	55	60	152	17	16	62
Gums and resins……do….	182	198	422	10	8	82
Tobacco……do….	-------	1	297	-------	(2)	140
Hops……do….	(3)	(3)	107	(2)	(2)	82
Cotton:						
Raw……do….	1, 653	2, 164	59	253	252	11
Fabric……do….	74	74	290	26	21	300
Silk:						
Yarn……do….	(3)	(3)	159	(2)	(2)	15
Fabric……do….	1	11	111	1	7	265
Sacks:						
For agricultural products……do….	278	160	79	56	25	43
For metals……do….	5	(3)	553	(2)	(2)	37
Knitwear……do….	13	15	18	31	35	47
Wood, common and fine……long tons..	16, 354	17, 464	11, 721	231	220	430
Paper and products:						
Printing paper……1,000 lb..	278	308	3, 093	9	7	179
Other……do….	180	226	585	23	22	148

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity 1938	Quantity 1939	Quantity 1945	Value (thousands of dollars) 1938	Value (thousands of dollars) 1939	Value (thousands of dollars) 1945
Coal and coke ..... long tons	648	2,006	11,568	10	11	114
Petroleum and products:						
Crude petroleum ..... 1,000 bbl	109	85	35	206	138	119
Gasoline ..... do	3	3	4	20	23	28
Paraffin and waxes ..... 1,000 lb	1,665	2,181	2,158	49	61	100
Lubricating oil ..... 1,000 bbl	13	12	12	186	153	203
Other products ..... 1,000 lb	2,157	452	6,300	20	15	115
Crystal and glass ..... do	100	45	966	12	8	69
Iron and manufactures:						
Bars, beams, and sheets ..... do	4,839	4,694	5,508	141	132	206
Tin plate ..... do	123	122	1,010	6	6	51
Sanitary installations ..... do	113	178	162	18	21	30
Pipes and accessories ..... do	2,658	1,806	4,118	136	82	281
Wire and cable ..... do	520	343	1,250	39	28	124
Nails, staples, etc ..... do	267	322	885	14	12	84
Rails and other railway material ..... do	2,544	253	1,467	49	13	98
Electrical equipment:						
Wire for installations ..... do	195	195	331	43	34	83
Dynamos, motors, transformers ..... do	680	212	412	196	95	180
Radios and radio-phonographs ..... do	183	182	1	131	128	1
Telephone and telegraph apparatus ..... do	9	4	31	6	3	42
Machinery and implements:						
Locomotives and tenders ..... long tons	-----	-----	16	-----	-----	22
Boilers, motors and pumps ..... 1,000 lb	297	194	208	88	61	102
Road building machinery ..... do	-----	129	1,483	-----	31	328
Mining machinery ..... do	3,944	2,327	5,494	634	330	975
Textile machines ..... do	30	47	232	11	13	94
Sewing machines, all types ..... do	20	88	43	7	26	21
Typewriters, adding and calculating machines ..... 1,000 lb	55	57	43	68	75	85
Office appliances ..... do	6	8	48	11	12	85
Instruments for graphic arts ..... do	36	49	9	13	30	14
Agricultural machinery ..... do	208	350	868	31	49	159
Agricultural tools ..... do	155	67	385	24	14	69
Mechanic's tools ..... do	424	443	651	124	118	237
Other industrial machines ..... do	1,482	729	574	432	269	224
Transmission belts, all kinds ..... do	119	46	140	59	24	100
Vehicles:						
Automobiles and busses ..... long tons	670	738	75	291	265	50
Trucks ..... do	1,726	1,598	1,375	600	484	665
Airplanes and motors ..... 1,000 lb	106	34	196	432	106	335
Railway cars ..... long tons	-----	66	137	-----	46	55
Vehicle parts ..... do	218	188	341	150	134	494
Chemical products:						
Aniline, bluing, etc ..... 1,000 lb	2	17	148	1	1	157
Pharmaceutical specialties ..... do	124	106	567	49	44	513
Industrial chemicals:						
Acids ..... do	156	287	5,955	8	13	59
Calcium carbide ..... do	14	450	2,360	1	14	94
Other ..... do	1,427	1,545	2,402	115	98	227
Colors, varnishes, and enamels ..... do	146	96	307	21	16	63
Explosives:						
Dynamite and black powder ..... do	2	-----	130	1	-----	14
Percussion caps, fuses, and detonators ..... 1,000 lb	140	60	223	40	35	83
Scientific instruments ..... do	11	13	82	15	14	136
Other merchandise	-----	-----	-----	1,029	773	2,444
Gold, silver, and specie:						
Gold, unmanufactured ..... 1,000 troy oz	-----	(4)	-----	-----	(2)	-----

[1] Including gold, silver and specie.
[2] Less than $500.
[3] Less than 500 pounds.
[4] Less than 500 troy ounces.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Exports to the United States, total[1]	-------	-------	-------	-------	**1,603**	**3,587**	**49,764**	**43,858**
Cattle hides, salted ---------1,000 lb--	24	131	586	954	3	11	77	131
Almonds and chestnuts --------do----	217	1,384	-------	399	11	73	-------	60
Rubber --------------do----	470	1,172	8,315	8,982	61	178	2,970	3,265
Cinchona bark --------------do----	(2)	-------	826	-------	(3)	-------	279	-------
Quinine and salts --------------do----	-------	-------	4	1	-------	-------	9	11
Copper:								
Ore --------------do----	1,522	5,196	13,439	13,124	132	467	1,579	1,582
Sulphide --------------do----	4,413	2,442	-------	-------	398	208	-------	-------
Lead ore and slag --------------do----	1,381	3,641	10,681	10,567	47	113	624	618
Tin:								
Concentrates --------------do----	24	239	52,026	[4] 43,742	10	113	33,876	[4] 27,888
Slag --------------do----	-------	8	-------	2,671	-------	4	-------	1,703
Zinc ore --------------do----	-------	4	46,243	41,792	-------	(3)	2,798	2,528
Antimony ore --------------do----	2,233	5,270	11,448	3,518	154	507	1,105	375
Wolfram concentrate --------------do----	71	1,100	4,508	2,264	47	530	2,898	1,212
Other merchandise --------------	-------	-------	-------	-------	97	107	125	153
Gold, silver, and specie:								
Gold ore ---------1,000 troy oz--	1	4	3	2	45	142	111	69
Silver:								
Ore --------------do----	831	1,777	6,597	5,909	330	670	3,313	4,198
Sulphide --------------do----	323	419	-------	79	129	157	-------	59
Cement --------------do----	-------	9	-------	6	-------	4	-------	4
Dross --------------do----	353	793	-------	-------	139	303	-------	2
Slag --------------do----	-------	-------	-------	2	-------	-------	-------	-------

[1] Including gold, silver, and specie.
[2] Less than 500 pounds.
[3] Less than $500.
[4] Reported as tin ore.
NOTE.—Quantity figures for minerals refer to metallic content.

FINANCE

Government Receipts and Expenditures (Millions of Bolivianos)

Item	1939	1940	1941	1942	1943	1944	1945[1]	1946[1]	1947[1]
Receipts --------------	301	606	1,171	1,130	1,134	1,095	1,253	1,287	1,156
Expenditures --------------	301	564	1,171	1,130	1,094	1,172	1,253	1,287	1,473

[1] Estimated.

Public Debt

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
External[1] in millions of dollars----	60.9	60.8	60.8	60.7	60.7	60.7	60.6	60.5	60.3
Internal, in millions of bolivianos-	410.8	399.4	374.9	442.6	545.5	554.3	748.4	981.0	1,346.9

[1] Does not include accumulated interest, which at the end of 1947 amounted to $74,244,100, nor the Export-Import Bank loans to the Bolivian Development Corporation, guaranteed by the National Government.

Banking Statistics (Millions of Dollars)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Liabilities subject to reserve --------------	679.5	863.1	1,238.9	1,616.1	1,878.9	1,934.1	2,558.5	3,074.8	2,953.6
Gold and foreign exchange holdings --------------	143.4	157.9	566.8	706.9	763.0	815.3	1,144.2	1,260.9	1,117.6

Currency and exchange.—The unit of currency is the boliviano; parity announced by the International Monetary Fund, December 18, 1946, $0.0238095 (42 bolivianos to the dollar).

Annual Average Exchange Rates
(Selling rates—Bolivianos to the dollar in Bolivia)

Type of rate	1939	1940	1941	1942	1943	1944	1945	1946	1947
Controlled	32.34	39.09	43.38	46.46	42.91	42.42	42.42	42.42	42.42
Compensation		53.83	55.00						
Curb	45.46	56.71	54.02	49.66	45.42	51.80	59.96	60.94	64.06
Differential									56.05

PRINCIPAL SOURCES

"Memoria" of the Cámara Nacional de Industria.
Revista Mensual of the Dirección General de Estadística (monthly).
Boletín of the Banco Central de Bolivia (quarterly).
Bolivia y el Mundo.
Ministerio de Hacienda, Dirección General de Estadística, Comercio Exterior, Anuario, Bolivia.

BRAZIL

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 3,286,170 square miles. Population, December 31, 1947, estimate, 48,000,000; September 1, 1940, census, 41,236,315. According to the 1940 census, 68.8 percent of the population resided in rural zones, 22.3 percent in urban zones, and 8.9 percent in suburban zones.

Principal cities, 1940 census: Rio de Janeiro (Federal District), 1,519,010; São Paulo (São Paulo), 1,258,482; Recife (Pernambuco), 323,177; São Salvador (Bahia), 290,443; Porto Alegre (Rio Grande do Sul), 259,246; Belo Horizonte (Minas Gerais), 177,004; Belém (Pará), 164,673; Fortaleza (Ceará), 140,901; Niteroi (Rio de Janeiro), 124,507; Curitiba (Parana), 99,440; Maceió (Alagôas), 80,045; João Pessoa (Paraiba), 71,158; Manaus (Amazonas), 66,854; São Luiz (Maranhão), 58,735.

Literacy.—According to the census of 1940, 43.2 percent of the population aged 18 and over could read and write.

AGRICULTURE

Cultivated area: Small proportion of total area under cultivation (37,806,000 acres for principal crops in 1946); forests, according to a recent official estimate, over 2,000,000 square miles.

Livestock (thousands), 1940 census: Cattle, 34,392; horses, 4,677; swine, 16,839; sheep, 9,285; goats, 6,520; mules and asses, 2,129. Latest official statistics, 1946: Cattle, 46,358; horses, 6,768; swine, 23,815; sheep, 15,542; goats, 7,363; mules and asses, 4,325.

Value of Principal Agricultural Products (Millions of Cruzeiros)

Crop	1938	1945	1946
Aguardente (rum)	128	458	474
Alcohol	60	169	179
Alfalfa	36	78	83
Bananas	115	414	536
Barley	7	10	10
Beans	387	1,178	1,256
Cocoa beans	164	221	259
Castor seed	58	133	134
Coconuts	37	95	137
Coffee	2,027	3,717	5,350
Corn	1,324	3,380	4,015
Cotton, raw	1,504	2,040	2,524
Cottonseed	346	276	373
Grapes	59	156	176
Manioc	515	1,689	1,815
Manioc flour	321	947	1,146
Oats	3	9	10
Oranges	279	296	356
Pineapples	22	54	57
Potatoes	165	632	541
Rice	832	2,441	3,117
Rye	4	11	16
Sugar	604	2,183	2,917
Sugarcane	464	1,682	2,032
Tobacco	191	515	557
Wheat	74	242	268

Production of Principal Crops

Crop	1938	1945	1946
Wheat, 1,000 bu.	5,044	8,572	9,115
Rye, do.	421	400	450
Corn, do.	218,881	190,801	224,541
Rice, do.	74,922	105,183	135,801
Potatoes, do.	14,763	21,887	15,857
Coffee, million lb.	3,096	3,331	3,743
Sugar, do.	2,106	2,788	3,211
Cocoa beans, 1,000 lb.	312,698	263,794	284,629
Tobacco, do.	200,841	250,110	261,371
Cotton, raw, do.	962,590	834,430	822,675
Rubber, do.	37,059	77,346	69,577
Alfalfa, 1,000 metric tons	141	148	149

MINING AND MANUFACTURING

Mineral Production

Product	Quantity			Value (thousands of cruzeiros)		
	1938	1945	1946	1938	1945	1946
Gold, troy ounces	142,971	163,097	140,496	97,717	121,410	105,047
Silver, do.	25,527	28,388	21,958	201	419	343
Coal, metric tons	907,224	2,072,881	1,896,883	48,297	220,598	231,540
Manganese ore[1], do.	306,025	247,851	172,264	30,602	26,996	12,737
Zirconium sand[2], do.	1,492	758	4,453	982	496	2,254
Mica, 1,000 lb.	1,995	2,246	3,627	17,785	30,279	18,527
Rock crystal[2], metric tons	747	609	170	14,981	132,147	41,901
Cement, do.	617,896	774,378	826,382	138,306	312,134	343,839
Iron ore[3], do.	(4)	655,212	587,516	(4)	20,488	19,766
Pig iron, do.	122,352	259,909	370,762	48,000	209,090	306,049
Steel ingots, do.	92,420	205,675	344,213	72,136	358,016	689,744
Rolled iron and steel, do.	85,666	165,805	230,230	100,422	416,059	526,951

[1] Calculated on the basis of exports.
[2] Exports.
[3] Calculated on the basis of exports and internal consumption.
[4] Not available.

Manufacturing.—Industrial data, 1946, with September 1, 1940, census figures in parentheses: Number of establishments, 85,500 (49,418); workers employed, about 1,500,000 (960,663); value of production, 64,000,000,000 (17,479,393,000) cruzeiros.

Other industrial data, 1940 census (millions of cruzeiros): Invested capital, 18,033; raw materials consumed, 9,109; value of production in principal industrial States—São Paulo, 7,602; Federal District (city of Rio de Janeiro), 3,322; Minas Gerais, 1,178; Rio Grande do Sul, 1,709; Rio de Janeiro, 861; Pernambuco, 808.

Value of output of principal industries in São Paulo (leading industrial State), 1940 census (millions of cruzeiros); Textile products, 2,192; food products, 1,627; machine shops, 622; chemical and pharmaceutical products, 561; metalworking, 409; clothing, 328.

Textile industry, 1946: Number of establishments, 423; spindles, 2,911,506; looms, 92,407; workers employed, 224,523; production of cotton goods, 1,140,765,000 yards.

Electric power.—December 31, 1943 (latest available): 1,603 public utilities undertakings, controlling 1,813 generating plants; installed capacity, 1,298,925 kilowatts (of which 1,033,992 public hydroelectric, 30,326 private hydroelectric, and 234,607 thermal), serving 2,849 localities.

TRANSPORTATION AND COMMUNICATION

Statistics of Railways [1]

Item	1938	1944[2]	1945[2]
Length of line ... miles	21,255	21,849	21,922
Locomotives ... number	3,575	3,649	3,698
Passenger cars ... do	4,091	3,905	4,064
Freight cars ... do	47,971	50,968	54,294
Passengers carried ... thousands	174,026	277,385	289,342
Passenger miles ... millions	3,431	5,467	5,804
Freight carried ... 1,000 metric tons	34,436	41,433	42,466
Ton-miles[3] ... millions	3,816	4,598	4,617
Gross receipts ... 1,000 cruzeiros	1,196,124	1,949,396	2,328,246

[1] Data for length of line and equipment include all railways; other figures exclude several third-class lines.
[2] Preliminary data.
[3] Excluding livestock.

Civil Aviation Statistics

Item	1938	1945	1946
Length of lines ... miles	32,814	69,555	75,373
Miles flown	4,299,664	14,581,370	24,844,102
Passengers carried ... number	63,423	289,588	539,391
Baggage carried ... pounds	1,972,985	10,192,942	17,560,572
Mail and freight carried ... do	1,192,689	12,002,559	17,088,307

Merchant marine.—Number of vessels: 1937, 198; 1945, 181; 1946, 248. Gross tonnage: 1937, 371,889; 1945, 440,392; 1946, 502,880.

Capacity of Vessels Entering Brazilian Ports (Thousands of Net Registered Tons)

Country of flag	1938	1944	1945
All vessels	**51,258**	**14,481**	**16,109**
Brazil	21,000	8,870	9,636
Belgium	445	17	5
France	1,720	30	64
Germany	5,151		
Italy	3,987		
Netherlands	1,411	39	161
Norway	1,442	171	239
United Kingdom	10,228	888	1,344
United States and other North America	2,568	2,618	2,494

Port	1938	1944	1945
Belém (Pará)	1,221	345	348
Fortaleza (Ceará)	1,198	266	363
Recife (Pernambuco)	4,001	768	896
Maceió (Alagôas)	1,447	106	155
São Salvador (Bahia)	4,141	342	452
Vitoria (Espirito Santo)	1,862	155	169
Rio de Janeiro (Federal District)	12,361	1,995	1,915
Santos (São Paulo)	11,608	1,053	1,028
Paranaguá (Paraná)	1,008	225	220
Rio Grande (Rio Grande do Sul)	2,225	426	477

Telegraph Statistics

Item	1938	1945	1946
Government (Departamento dos Correios e Telégrafos):			
Length of line ... miles	38,401	40,798	41,181
Length of wire ... do	75,199	86,475	88,436
Messages sent ... thousands	9,756	24,073	27,166
Private companies:			
Messages sent ... do	1,330	1,914	2,537

Telephone statistics.—Number of instruments: 1938, 187,230; 1944, 373,499.

Postal service.—Number of offices and agencies: 1939, 4,688; 1945, 4,440; 1946, 4,439. Letter mail handled (millions of pieces): 1945, 1,153; 1946 1,250.

FOREIGN TRADE

Per capita trade.—1947: Imports, $25.35; exports, $23.85.

Basis of trade statistics.—The foreign trade statistics represent general imports and domestic exports. Parcel post and air commerce are included; in-transit trade is excluded. Imports are recorded by country of purchase and exports by country of final destination, where ascertainable.

Import and export values are based on merchants' declarations. Imports are valued c. i. f., port of entry, excluding duties and other expenses incurred after entry into Brazilian custom houses. Exports are valued f. o. b., port of shipment, including export duties.

Rates Used to Convert Foreign Trade Values from Cruzeiros to United States Dollars

Year	Imports	Exports	Year	Imports	Exports
1934	$0.0830027	$0.0828581	1941	$0.0507	$0.0536
1935	.0582989	.0656370	1942	.0509	.0538
1936	.0577974	.0653758	1943	.0509	.0538
1937	.0621979	.0682562	1944	.0511	.0540
1938	.0568540	.0579879	1945	.0513	.0542
1939	.0524	.0544	1946	.0515	.0538
1940	.0505	.0534	1947	.0534	.0541

Value of Imports and Exports

Year	Thousands of cruzeiros				Thousands of dollars			
	Merchandise not including gold and silver reported as merchandise		Gold and silver reported as merchandise		Merchandise not including gold and silver reported as merchandise		Gold and silver reported as merchandise	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
1934	2,502,637	3,459,006	148	----------	207,726	286,607	12	----------
1935	3,855,628	4,104,008	289	----------	224,779	269,375	17	----------
1936	4,268,285	4,895,435	382	----------	246,696	320,043	22	----------
1937	5,313,984	5,092,059	567	(1)	330,519	347,565	35	(1)
1938	5,194,421	5,096,890	1,149	(1)	295,324	295,558	65	(1)
1939	4,982,552	5,615,519	1,080	(1)	261,086	305,484	56	(1)
1940	4,958,773	4,960,538	5,376	----------	250,418	264,893	271	----------
1941	5,489,490	6,725,638	24,927	8	278,317	360,494	1,264	(2)
1942	4,624,430	7,499,556	19,918	----------	235,383	403,476	1,014	----------
1943	6,141,847	8,728,491	19,894	78	312,620	469,593	1,013	4
1944	7,984,714	10,726,348	12,433	161	408,019	579,223	635	8
1945	8,596,104	12,197,510	21,216	----------	440,980	661,105	1,088	----------
1946	13,003,883	18,229,461	24,852	72	669,700	980,745	1,280	4
1947	[3] 22,789,291	[3] 21,179,413	(4)	(4)	[3] 1,216,948	[3] 1,145,806	(4)	(4)

[1] Not reported in source.
[2] Less than $500.
[3] Including merchandise gold and silver.
[4] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country of purchase and destination	Imports					Exports				
	1937	1938	1945	1946	1947[1]	1937	1938	1945	1946	1947[1]
Merchandise, total (excluding gold and silver reported as merchandise)	**330,519**	**295,324**	**440,980**	**[2] 669,700**	**[3] 1,216,948**	**347,565**	**295,558**	**661,105**	**980,745**	**[3] 1,145,806**
United States	76,409	71,570	243,439	389,576	746,273	126,409	101,458	326,277	413,892	444,376
Belgium and Luxembourg	14,529	11,867	--------	8,519	28,869	10,975	10,568	9,138	42,148	53,840
Czechoslovakia	3,144	3,697	--------	403	4,337	2,218	1,786	(4)	2,243	17,506
France	7,796	9,501	33	6,521	26,295	22,333	18,900	2,469	20,319	40,762
Germany	79,016	73,876	--------	--------	--------	59,540	56,348	--------	--------	553
United Kingdom	39,897	30,626	17,490	53,248	82,664	31,316	25,915	80,432	85,866	89,352
Italy	4,957	5,316	--------	6,778	23,592	7,703	6,299	2,496	46,987	27,494
Netherlands	3,539	2,675	24	3,409	6,022	11,461	12,490	4,421	28,486	38,295
Portugal	4,236	4,614	13,162	20,110	16,625	2,893	1,804	2,959	3,578	14,110
Spain	391	120	1,956	3,005	4,814	2,108	338	10,890	27,442	40,551
Sweden	7,279	7,261	10,295	19,661	35,262	7,285	6,350	14,917	28,772	27,654
Switzerland	2,405	2,743	8,188	19,245	28,449	213	545	5,911	13,190	20,034
Union of South Africa	179	91	3,646	3,450	4,229	1,314	1,263	17,591	16,360	17,130
Canada	4,752	3,788	7,322	17,615	23,186	995	929	5,164	8,483	15,672
Curaçao	9,153	9,426	3,546	25,408	51,926	26	12	674	440	390
Argentina	45,829	34,971	95,567	52,527	77,996	16,512	13,365	78,994	73,307	108,401
Uruguay	816	2,101	2,934	3,213	2,206	6,324	4,198	16,990	15,961	19,300
China	119	53	--------	281	780	1,198	1,489	2,523	27,551	16,898
Other countries	26,073	21,028	33,378	36,731	53,423	36,742	31,501	79,259	125,720	153,488
Percent of total:										
United States	23.1	24.2	58.2	58.2	61.3	36.4	34.3	49.4	42.2	38.8
France	2.4	3.2	(5)	1.0	2.2	6.4	6.4	.4	2.1	3.6
Germany	23.9	25.0	--------	--------	--------	17.1	19.1	--------	--------	(5)
United Kingdom	12.1	10.4	4.0	8.0	6.8	9.0	8.8	12.2	8.8	7.8
Italy	1.5	1.8	--------	1.0	1.9	2.2	2.1	.4	4.8	2.4
Sweden	2.2	2.4	2.3	2.9	2.9	2.1	2.1	2.3	2.9	2.4
Union of South Africa	.1	(5)	.8	.5	.3	.4	.4	2.7	1.7	1.5
Canada	1.4	1.3	1.7	2.6	1.9	.3	.3	.8	.9	1.4
Argentina	13.9	11.8	21.7	7.8	6.4	4.8	4.5	11.9	7.5	9.5
Gold and silver reported as merchandise, total	35	65	1,088	[6] 1,280	(7)	(8)	(8)	--------	4	(7)
United States	4	6	186	973	--------	--------	--------	--------	--------	--------
United Kingdom	31	59	14	34	--------	--------	--------	--------	4	--------
Portugal	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
Canada	--------	--------	12	3	--------	--------	--------	--------	--------	--------
Chile	--------	--------	--------	8	--------	--------	--------	--------	--------	--------
French Guiana	--------	--------	220	--------	--------	--------	--------	--------	--------	--------
Peru	--------	--------	656	--------	--------	--------	--------	--------	--------	--------

[1] Preliminary data.
[2] Country figures include small amount of merchandise gold and silver which could not be extracted because complete country breakdown is not available.
[3] Includes merchandise gold and silver.
[4] Less than $500.
[5] Less than 0.05 percent.
[6] Complete country breakdown not available.
[7] Not available.
[8] Not reported in source.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise imports, total (excluding gold and silver reported as merchandise)	--------	--------	--------	--------	**330, 519**	**295, 324**	**440, 980**	**669, 700**
Cattle ... number	2, 121	58, 692	43, 422	15, 456	151	934	1, 800	1, 082
Hides, skins and leather ... 1,000 lb	805	1, 107	4, 335	3, 552	1, 894	1, 226	2, 016	3, 309
Barley and malt ... do	33, 186	36, 350	43, 811	46, 674	1, 370	1, 466	3, 070	3, 737
Wheat ... 1,000 bu	34, 202	38, 109	40, 063	7, 777	41, 572	30, 526	62, 819	20, 928
Wheat flour ... 1,000 bbl	465	484	1, 594	2, 748	2, 504	1, 914	12, 517	27, 528
Fruits and nuts, edible ... 1,000 lb	47, 594	52, 552	78, 466	108, 416	3, 425	3, 318	10, 052	15, 951
Olives ... do	6, 183	4, 379	6, 154	9, 540	578	409	1, 311	2, 786
Codfish ... do	46, 473	33, 834	2, 773	16, 910	3, 191	2, 288	540	4, 130
Sardines ... do	1, 710	853	254	3, 257	290	170	162	2, 200
Pepper, unground ... do	(1)	2, 368	567	6, 354	(1)	151	117	2, 970
Olive oil, edible ... do	6, 569	13, 382	379	4, 656	1, 579	2, 503	290	7, 796
Beverages ... do	19, 272	16, 709	33, 679	44, 489	2, 281	1, 960	8, 693	12, 482
Cotton thread and yarn ... do	2, 183	1, 967	426	500	2, 144	2, 085	1, 162	2, 223
Cotton fabrics and manufactures 1,000 lb	1, 369	1, 380	468	832	1, 444	1, 248	1, 137	2, 781
Wool, unmanufactured and semi-manufactured ... 1,000 lb	3, 995	3, 434	6, 083	5, 634	3, 393	2, 582	2, 281	3, 630
Wool fabric and manufactures	--------	--------	--------	--------	1, 430	1, 462	1, 272	2, 349
Silk fabric and manufactures 1,000 lb	34	29	4	22	241	177	108	459
Jute, unmanufactured ... do	62, 575	55, 713	28, 567	28, 568	3, 467	2, 986	2, 983	2, 976
Linen fabric and manufactures 1,000 lb	2, 856	2, 242	215	980	3, 187	2, 408	1, 143	4, 224
Wood pulp ... long tons	89, 537	79, 709	78, 196	84, 508	5, 437	5, 359	9, 407	10, 363
Paper and manufactures, including cardboard, printed material and bank notes:								
Newsprint ... 1,000 lb	131, 265	93, 242	102, 497	130, 884	3, 268	2, 766	4, 830	7, 494
Other paper and manufactures ... 1,000 lb	19, 966	19, 184	23, 487	32, 122	3, 779	3, 692	7, 876	9, 612
Earthenware, porcelain and glass 1,000 lb	40, 388	27, 977	14, 655	21, 420	3, 471	2, 985	2, 679	4, 751
Black pine resin or pitch ... do	28, 074	29, 092	4, 971	20, 634	1, 246	851	305	1, 963
Crude petroleum ... long tons	37, 510	46, 906	9, 823	36, 135	979	1, 065	256	907
Gasoline ... 1,000 bbl	3, 035	3, 071	3, 498	5, 303	11, 515	9, 823	12, 230	18, 271
Fuel and Diesel oil ... do	3, 976	4, 583	2, 907	5, 874	5, 536	6, 366	6, 745	13, 802
Kerosene ... do	886	777	420	833	4, 160	2, 922	1, 250	2, 649
Lubricating oils ... do	280	275	488	370	2, 932	3, 024	7, 024	6, 127
Coal ... 1,000 long tons	1, 492	1, 360	667	1, 021	12, 695	12, 737	13, 070	17, 926
Sulfur ... 1,000 lb	33, 124	31, 137	42, 715	60, 182	434	435	1, 088	1, 116
Portland cement ... 1,000 bbl	465	317	1, 494	2, 056	856	675	7, 552	10, 398
Iron and steel, semimanufactures long tons	130, 035	91, 518	107, 516	166, 725	10, 768	8, 174	12, 550	21, 250
Iron and steel manufactures do	296, 377	177, 928	202, 584	282, 552	31, 291	21, 471	30, 738	46, 954
Copper and alloys, unmanufactured ... 1,000 lb	[2] 22, 642	18, 631	48, 163	60, 286	[2] 3, 609	2, 489	6, 897	9, 499
Copper and alloys, manufactures 1,000 lb	2, 318	1, 844	2, 580	3, 683	1, 524	1, 203	1, 371	2, 613
Lead, unmanufactured ... do	22, 970	18, 945	32, 230	53, 293	1, 372	806	2, 597	5, 021
Aluminum, unmanufactured 1,000 lb	3, 471	3, 214	8, 076	9, 083	753	700	1, 405	1, 554
Cutlery, tools, and other utensils 1,000 lb	22, 898	12, 513	6, 225	12, 263	5, 403	3, 564	4, 770	8, 902
Electrical machinery and apparatus:								
Radios, radio-phonographs and parts ... 1,000 lb	2, 932	2, 289	699	3, 609	4, 074	3, 327	1, 928	9, 997
Telephone and telegraph apparatus ... 1,000 lb	1, 138	1, 623	290	994	2, 342	3, 613	861	3, 684
Other electrical machinery and apparatus ... 1,000 lb	28, 356	23, 827	19, 460	35, 334	11, 077	10, 901	12, 610	24, 068
Agricultural machinery and apparatus ... long tons	5, 800	6, 169	1, 904	4, 232	1, 984	2, 302	855	2, 429
Industrial machinery and apparatus:								
Textile ... long tons	8, 510	10, 274	2, 221	5, 678	4, 968	5, 799	3, 182	6, 529
Other industrial machinery and apparatus ... 1,000 lb	12, 250	17, 692	21, 398	17, 603	7, 000	11, 004	15, 686	16, 468
Locomotives, railroad ... number	53	82	63	136	1, 516	2, 506	5, 771	11, 762
Machines with internal combustion motors ... 1,000 lb	4, 739	4, 335	3, 808	6, 430	1, 726	1, 589	2, 923	4, 487

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Air compressors.........1,000 lb..	1,106	720	1,798	3,365	417	360	1,052	1,922
Refrigerators and freezers..do....	4,020	3,550	485	4,074	1,570	1,477	298	2,388
Sewing machines............do....	8,339	6,039	1,043	3,737	3,825	2,827	733	3,274
Typewriters.................do....	937	665	305	1,052	1,659	1,176	841	2,490
Calculating machines.......do....	318	350	468	641	1,205	1,124	1,839	2,660
All other machinery and apparatus	--------	--------	--------	--------	10,550	11,259	16,448	33,347
Automobiles and chassis (passenger and truck).......number....	25,557	20,909	7,818	28,417	16,454	13,929	8,846	36,267
Tires and tubes..........1,000 lb..	9,401	8,584	233	555	2,825	2,682	183	438
Automobile engines.........do....	920	749	2,340	5,042	463	438	1,836	3,819
Railway cars..............number..	1,278	2,368	1,753	2,422	3,317	6,349	6,243	9,097
Other vehicles and accessories including airplane accessories.......	--------	--------	--------	--------	12,084	10,676	16,092	24,719
Plastic manufactures.....1,000 lb..	688	593	545	2,240	516	478	1,216	5,188
Clocks, watches, and parts..do....	448	433	130	359	617	588	1,634	6,572
Precious stones.......1,000 grams..	--------	--------	3	7	68	26	1,289	1,839
Aniline and organic colors 1,000 lb..	1,689	1,548	1,405	2,000	2,873	2,310	2,516	3,710
Perfume essences and fixatives 1,000 lb..	69	71	87	174	393	487	1,132	2,223
Chemicals, drugs, and pharmaceutical specialties:								
Drugs, medicines, and pharmaceutical preparations 1,000 lb..	2,304	1,582	2,810	3,099	4,926	4,606	5,843	10,267
Caustic soda............do....	66,134	55,553	53,288	62,155	1,765	1,804	2,135	2,300
Sodium nitrate, impure for fertilizer............1,000 lb..	22,362	17,398	61,254	78,186	338	240	1,586	2,178
Other chemicals and products	--------	--------	--------	--------	7,599	6,722	12,850	15,798
Other merchandise..................	--------	--------	--------	--------	37,199	33,805	64,439	95,067
Gold and silver, total..............	--------	--------	--------	--------	35	65	1,088	1,280
Gold cubes, sponge, sheets 1,000 troy oz..	--------	1	(3)	(3)	--------	22	3	5
Gold, other, unmanufactured 1,000 troy oz..	(3)	(3)	9	(3)	8	8	230	17
Silver, unmanufactured 1,000 troy oz..	54	73	1,344	1,490	27	35	855	1,258

[1] Not shown separately.
[2] Excludes copper alloys.
[3] Less than 500 troy ounces.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise exports, total (excluding gold and silver reported as merchandise)	--------	--------	--------	--------	**347,565**	**295,558**	**661,105**	980,749
Meat and meat products:								
Refrigerated beef, mutton and pork ---1,000 lb--	142,985	99,572	4,558	22,911	6,574	5,109	507	2,475
Meat, canned, smoked, salted or preserved ---1,000 lb--	55,962	56,088	64,858	99,850	3,607	3,817	10,266	18,764
Lard and beef suet ---do---	725	3,533	407	9,240	80	248	79	1,906
Tongue, beef extract and miscellaneous slaughterhouse products ---1,000 lb--	22,988	21,521	5,442	6,893	1,736	1,941	2,734	3,928
Hides and skins, including fur skins:								
Raw ---1,000 lb--	149,566	121,800	22,321	68,920	20,469	12,048	7,427	21,796
Prepared and leather ---do---	862	934	13,766	12,876	136	72	8,963	13,220
Oilseed cake ---do---	486,782	524,334	121,174	167,554	5,794	4,918	2,242	3,787
Bran and feed ---long tons--	153,147	172,326	49,963	10,694	3,143	3,173	1,750	534
Manioc starch (powdered) 1,000 lb--	--------	--------	18,793	22,460	--------	--------	1,042	1,665
Manioc flour ---do---	7,046	11,050	6,278	266,533	112	148	195	10,928
Starch, edible ---do---	262	50	28,678	56,507	5	1	1,406	4,040
Rice ---do---	68,993	126,643	190,781	[1]335,211	1,370	2,340	10,984	[1]20,739
Maize ---1,000 bu--	591	5,327	7	4,843	394	2,606	14	8,249
Beans ---1,000 lb--	147	2,210	22,278	169,305	4	48	944	7,627
Brazil nuts, shelled or unshelled 1,000 lb--	36,799	62,265	4,533	37,917	5,431	4,111	1,779	10,097
Bananas ---1,000 bunches--	11,311	11,092	3,233	5,230	1,898	1,540	1,292	2,923
Oranges ---1,000 boxes--	4,970	5,487	1,397	2,768	8,421	6,523	3,071	7,894
Cacao beans ---1,000 lb--	231,732	281,941	183,938	287,613	15,655	12,354	12,420	35,032
Coffee beans ---1,000 bags--	12,123	17,112	14,172	15,504	147,489	133,174	230,910	346,551
Cocoa butter ---1,000 lb--	2,931	1,698	7,433	20,314	492	192	1,604	5,070
Sugar and molasses ---do---	686	17,949	59,382	48,446	22	167	2,908	3,872
Herva mate (Brazilian tea) 1,000 lb--	144,442	139,420	109,854	108,520	4,531	3,444	6,032	7,143
Rubber, crude ---do---	32,612	26,596	41,639	40,032	5,191	2,706	18,749	14,406
Oilseeds and kernels (other than Brazilian nuts unshelled) 1,000 lb--	482,179	492,996	447,177	273,824	11,410	8,191	16,709	13,865
Vegetable oils, inedible ---do---	53,170	78,208	95,380	67,484	3,194	3,542	12,808	12,761
Carnauba and ouricury wax 1,000 lb--	19,720	20,314	24,377	26,799	6,615	5,885	16,229	30,609
Tobacco, unmanufactured ---do---	80,688	59,002	70,168	118,703	5,989	4,960	13,832	26,511
Cotton:								
Raw ---do---	520,685	592,418	362,559	777,677	64,500	53,932	56,859	158,042
Linters ---do---	48,886	57,923	165,257	82,368	2,422	1,583	5,214	5,569
Cotton waste ---do---	11,974	8,164	22,888	32,800	726	494	1,505	3,261
Yarn ---do---	294	14	9,743	1,740	136	6	7,472	1,686
Fabric ---do---	1,514	545	53,454	31,091	743	247	75,704	37,822
Manufactures other than fabric ---1,000 lb--	5	115	3,356	2,493	2	34	4,400	2,891
Wool, raw ---do---	6,396	11,838	344	4,796	1,799	2,347	99	1,532
Silk, unmanufactured ---do---	--------	(2)	1,515	2,022	--------	(3)	5,036	6,502
Silk fabric and other manufactures ---1,000 lb--	(4)	(4)	225	200	(4)	(4)	4,955	4,759
Caroa, sisal, and vegetable fibers other than textile fibers 1,000 lb--	12,514	10,564	26,454	28,859	695	580	3,063	4,002
Timber and lumber ---long tons--	257,280	296,618	300,914	562,180	4,450	4,460	22,099	43,221
Quartz crystals ---1,000 grams--	299,785	746,872	609,163	169,964	268	869	7,162	2,254
Precious and semiprecious stones, including industrial diamonds 1,000 grams--	578	2,637	1,914	1,775	1,816	966	9,326	9,303
Manganese ore ---long tons--	243,213	134,682	240,786	146,794	3,055	946	3,254	1,997
Mica ---1,000 lb--	727	1,149	2,170	2,530	237	298	2,338	1,438
Tungsten ore ---do---	15	5	4,494	3,253	4	1	1,818	1,242
Tires and tubes ---do---	(4)	(4)	7,362	3,346	(4)	(4)	5,856	2,864
Manufactures of rubber, ebonite and similar materials not including tires and tubes ---1,000 lb--	19	38	2,769	1,978	7	6	5,825	4,132
Drugs and pharmaceutical specialties ---1,000 lb--	185	168	1,073	1,065	164	122	6,076	6,217
Menthol ---do---	(4)	(4)	1,048	776	(4)	(4)	7,510	4,304
Other merchandise	--------	--------	--------	--------	6,779	5,409	38,638	41,319
Silver, crude ---1,000 troy oz--	(4)	(4)	--------	4	(4)	(4)	--------	4

[1] Reported as "Rice, hulled."   [2] Less than 500 pounds.   [3] Less than $500.   [4] Not reported.

Trade With the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise imports from the United States, total (excluding gold and silver)	----------	----------	----------	----------	**76, 409**	**71, 570**	**243, 439**	**389, 576**
Hides, skins and leather..1,000 lb..	18	37	59	132	70	100	517	1, 012
Barley and malt..do....	19	46	12	11, 438	3	2	1, 051	994
Wheat..1,000 bu..	738	----------	1	1, 440	1, 063	----------	1	3, 691
Wheat flour..1,000 bbl..	66	41	844	2, 394	462	259	7, 220	24, 148
Fruits and nuts, edible..1,000 lb..	16, 830	17, 059	6, 312	24, 454	1, 323	1, 221	1, 173	4, 232
Powdered milk..do....	(1)	89	488	2, 295	(1)	32	214	1, 161
Hops..do....	1	1	1, 332	1, 192	(2)	(2)	1, 526	1, 352
Beverages..do....	43	50	538	1, 521	11	15	285	362
Olive oil, edible..do....	----------	2	----------	2, 737	----------	(2)	----------	4, 037
Wool, fabrics and manufactures..	----------	----------	----------	----------	22	31	399	669
Plastic materials and synthetic resins..1,000 lb..	51	45	11, 121	2, 124	17	15	4, 199	684
Wood pulp..long tons..	1, 212	2, 797	20, 332	3, 194	103	196	2, 801	479
Paper and manufactures, including cardboard, printed material and bank notes:								
Newsprint..1,000 lb..	2, 144	----------	35, 750	14, 783	104	----------	1, 709	826
Other paper..do....	5, 659	7, 017	16, 076	17, 777	958	1, 156	5, 442	5, 863
Earthenware, porcelain, and glass 1,000 lb..	535	925	10, 915	11, 972	142	167	1, 739	2, 516
Crude petroleum..long tons..	3, 030	432	9, 817	36, 135	156	21	254	907
Black pine resin or pitch..1,000 lb..	27, 307	29, 031	4, 971	17, 340	1, 203	847	305	1, 575
Gasoline..1,000 bbl..	1, 422	1, 367	23	957	6, 201	4, 762	97	3, 894
Fuel and Diesel oil..do....	71	419	19	232	232	1, 008	71	567
Kerosene..do....	538	406	9	127	3, 022	1, 972	62	640
Lubricating oils..do....	249	249	444	328	2, 610	2, 735	6, 653	5, 779
Coal..1,000 long tons..	139	133	509	883	1, 041	1, 033	10, 111	16, 836
Sulfur..1,000 lb..	597	6, 310	41, 369	51, 172	12	76	1, 053	906
Portland cement..1,000 bbl..	15	10	1, 131	835	82	56	5, 830	4, 458
Iron and steel semimanufactures long tons..	26, 612	24, 634	102, 230	143, 255	2, 279	1, 868	11, 644	17, 294
Iron and steel manufactures long tons..	82, 241	60, 139	196, 342	240, 366	8, 504	6, 055	28, 754	37, 750
Copper and alloys, unmanufactured..1,000 lb..	[3] 5, 389	5, 552	19, 006	20, 072	[3] 859	709	3, 067	3, 689
Copper and alloys, manufactured 1,000 lb..	432	286	2, 228	2, 578	247	187	1, 106	1, 670
Lead, unmanufactured..do....	9, 338	4, 661	26, 650	19, 397	528	203	2, 143	1, 700
Aluminum, unmanufactured 1,000 lb..	270	565	2, 922	1, 393	57	122	625	342
Cutlery, tools, and other utensils. 1,000 lb..	3, 134	1, 738	5, 587	7, 565	1, 082	679	4, 322	6, 441
Electrical equipment:								
Radios, radio phonographs and parts..1,000 lb..	1, 950	1, 306	633	3, 122	2, 690	1, 907	1, 716	8, 756
Telephone and telegraph apparatus..1,000 lb..	260	408	117	436	468	1, 129	426	1, 784
All other electrical equipment 1,000 lb..	8, 300	8, 270	15, 843	26, 899	3, 572	4, 029	10, 031	18, 872
Agricultural machinery and apparatus..long tons..	3, 977	3, 907	1, 610	3, 744	1, 472	1, 572	768	2, 180
Industrial machinery and apparatus:								
Textile..long tons..	284	216	845	2, 497	296	204	899	2, 578
Other industrial machinery and apparatus..long tons..	3, 142	3, 915	20, 728	14, 366	2, 036	2, 877	14, 933	13, 132
Locomotives for railroads number..	2	(4)	63	122	96	1	5, 771	10, 927
Machines with internal combustion motors..1,000 lb..	427	275	3, 204	4, 335	234	212	2, 440	3, 291
Air compressors..do....	677	480	1, 720	3, 076	260	231	968	1, 740
Refrigerators and freezers..do....	3, 238	3, 051	481	4, 049	1, 234	1, 239	297	2, 366
Sewing machines..do....	413	514	340	1, 451	277	320	390	1, 605
Typewriters..do....	510	299	289	682	814	536	791	1, 815
Calculating machines..do....	240	272	400	469	840	837	1, 331	1, 655
All other machines and apparatus..	----------	----------	----------	----------	3, 385	4, 383	14, 396	26, 627
Automobiles and chassis (passenger and truck)..number..	23, 115	18, 521	7, 722	26, 015	14, 018	11, 665	8, 552	32, 294
Tires and tubes..1,000 lb..	2, 134	1, 844	228	490	666	623	180	389
Automobile engines..do....	839	686	2, 335	5, 010	394	362	1, 829	3, 776
Railway cars..number..	14	777	1, 738	2, 407	31	2, 128	6, 242	9, 064
Other vehicles and accessories including airplane accessories....	----------	----------	----------	----------	3, 393	3, 984	15, 620	19, 751
Manufactures of plastics..1,000 lb..	10	13	533	2, 172	16	21	1, 164	4, 828
Clocks, watches, and parts..do....	24	30	64	112	34	48	122	377
Precious stones..1,000 grams..	----------	----------	2	6	----------	----------	750	681

See footnotes at end of table.

Trade With the United States by Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise imports from the United States—Con.								
Aniline and organic colors 1,000 lb	187	164	1,002	1,392	177	170	1,512	1,922
Perfume essences and fixatives 1,000 lb	5	12	80	102	15	28	1,042	1,251
Chemicals, drugs, and pharmaceutical specialties:								
Drugs, medicines and pharmaceutical preparations 1,000 lb	247	229	1,820	1,723	403	426	4,435	7,459
Caustic soda do	18,817	21,393	20,935	7,858	401	569	1,017	442
Other chemicals and products 1,000 lb	10,882	14,409	125,401	108,548	644	653	8,225	9,111
Other merchandise	---------	---------	---------	---------	6,150	5,889	33,219	44,429
Gold and silver, total	---------	---------	---------	---------	4	5	186	973
Silver, unmanufactured 1,000 troy oz	8	12	275	1,111	4	5	186	973
Merchandise exports to the United States, total (excluding gold and silver)	---------	---------	---------	---------	**126,409**	**101,458**	**326,277**	**413,892**
Meat and meat products:								
Meat extracts 1,000 lb	---------	35	843	346	---------	7	756	498
Beef, canned or preserved 1,000 lb	14,911	28,291	(5)	27	1,145	2,194	(2)	7
Hides and skins:								
Raw do	36,157	16,881	8,185	21,311	7,248	2,918	5,326	12,305
Prepared do	46	111	3,312	7,612	3	11	5,896	9,624
Cottonseed bran do	---------	---------	78,982	241	---------	---------	1,260	4
Manioc starch (powdered) do	---------	---------	17,969	18,665	---------	---------	984	1,382
Starch, edible do	110	---------	26,920	49,701	2	---------	1,308	3,522
Brazil nuts, shelled or unshelled 1,000 lb	19,335	29,027	3,691	35,559	3,338	2,259	1,684	9,506
Oilseeds and kernels do	212,918	192,688	419,915	261,617	7,106	4,594	15,771	12,923
Cacao beans do	188,010	190,278	137,200	168,334	12,526	8,179	9,980	18,216
Coffee beans 1,000 bags	6,590	9,078	11,690	10,947	80,652	72,011	191,512	247,546
Manioc flour 1,000 lb	17	15	683	212,482	(2)	(2)	22	9,043
Rubber, crude (including chicle) 1,000 lb	10,297	6,336	41,204	38,905	1,605	653	18,575	13,768
Vegetable oils, inedible do	46,647	63,008	49,875	39,661	2,838	2,860	7,114	7,537
Cocoa butter do	---------	---------	397	8,374	---------	---------	78	2,198
Carnauba and ouricury wax 1,000 lb	13,421	13,055	19,556	22,213	4,517	3,850	13,099	24,706
Cotton:								
Raw do	4,671	110	6,823	4,701	718	10	187	986
Linters do	5,202	1,232	94,230	35,417	278	34	2,808	2,379
Cotton waste do	2,632	114	13,151	20,741	133	2	508	1,418
Fabric and manufactures 1,000 lb	4	6	5,698	525	1	3	6,708	565
Wool, raw do	---------	---------	344	1,887	---------	---------	99	562
Silk:								
Unmanufactured and semimanufactured 1,000 lb	---------	---------	1,252	550	---------	---------	2,164	1,714
Fabric and manufactures do	(4)	(4)	30	10	(4)	(4)	747	264
Caroa, sisal and vegetable fibers other than textile fibers 1,000 lb	2,264	1,238	5,257	13,575	122	79	498	1,608
Timber and lumber long tons	9,221	8,056	11,029	24,509	202	124	554	1,802
Quartz crystal 1,000 grams	17,421	32,596	549,383	156,134	66	128	5,212	2,174
Mica 1,000 lb	301	172	1,624	2,360	72	43	1,482	1,204
Precious and semiprecious stones including industrial diamonds 1,000 grams	39	71	1,829	1,551	14	10	8,267	6,961
Manganese ore 1,000 lb	146,356	44,199	240,688	146,794	1,764	305	3,250	1,997
Tungsten ore do	---------	2	4,494	3,918	---------	(2)	1,818	979
Tires and tubes do	(4)	(4)	956	(5)	(4)	(4)	634	(2)
Drugs and pharmaceutical specialties 1,000 lb	4	5	513	415	14	13	3,411	2,597
Essential oils do	173	150	1,717	1,638	202	128	1,385	2,805
Menthol do	(4)	(4)	787	521	(4)	(4)	5,584	2,961
Other merchandise	---------	---------	---------	---------	1,843	1,043	7,596	8,131

[1] Not shown separately.
[2] Less than $500.
[3] Excludes copper alloy which was not shown separately in 1937.
[4] Not reported in source.
[5] Less than 500 pounds.

FINANCE

Government Revenues and Expenditures (Millions of Cruzeiros)

Year	Revenues	Expenditures	Year	Revenues	Expenditures
1939	3,795	4,335	1944	7,366	7,451
1940	4,036	4,629	1945	8,852	9,850
1941	4,045	4,839	1946	11,570	14,203
1942	4,377	5,748	1947	13,853	13,393
1943	5,443	5,944	1948[1]	14,597	15,596

[1] Estimate.

Consolidated Public Debt of the Federal Government [1] (Millions of Currency Units Specified)

Year	External				Internal (cruzeiros)		
	Dollars	Pounds sterling	French francs		Funded	Unfunded	Currency in circulation
			Gold	Paper			
1939	169	104	229	274	5,081	2,541	4,971
1940	167	102	229	273	6,212	2,416	5,185
1941	158	101	229	273	5,971	3,393	6,646
1942	149	97	229	273	5,289	3,602	8,238
1943	142	96	229	273	5,854	6,679	10,981
1944	125	84	229	273	6,782	9,198	14,462
1945	118	78	229	273	7,895	9,526	17,535
1946	112	74	229	273	9,965	5,617	20,494
1947	107	73	(2)	(2)	10,063	(3)	20,399

[1] Exclusive of state and municipal foreign debts assumed by virtue of decree-law No. 6019 of November 1943.
[2] Liquidated or in process of liquidation in accordance with Franco-Brazilian Accord of March 8, 1946.
[3] Data not available.

Foreign Debts of States and Municipalities [1] (Millions of Currency Units Specified)

Year	Dollars	Pounds sterling	Paper francs	Florins
1939	187	52	247	8
1940	168	50	247	6
1941	160	50	247	6
1942	156	49	247	6
1943	147	48	247	6
1944	115	36	247	6
1945	101	33	247	6
1946	95	32	247	6
1947	92	26	(2)	6

[1] Part of which assumed by Federal Government at the rate of 50 percent of the face value in accordance with decree-law No. 6019 of November 1943.
[2] Liquidated or in process of liquidation by virtue of Franco-Brazilian Accord of March 8, 1946.

Currency and exchange.—The unit of currency is the cruzeiro (of 100 centavos); par value announced by the International Monetary Fund, July 14, 1948, $0.0540541 (18.50 cruzeiros to the dollar). The cruzeiro replaced the former milreis as the unit of currency by decree-law No. 4791 of October 5, 1942, the exchange of milreis for cruzeiros being made at the ratio of 1 to 1.

Outstanding Currency and Gold and Exchange Holdings (Millions of Cruzeiros)

Year	Currency[1]	Gold[2]	Exchange[3]
1939	4, 971	694	515
1940	5, 185	924	117
1941	6, 647	1, 319	695
1942	8, 238	2, 244	2, 803
1943	10, 981	5, 103	4, 577
1944	14, 462	6, 628	5, 626
1945	17, 535	7, 115	5, 922
1946	20, 494	7, 096	7, 527
1947	20, 399	7, 096	7, 984

[1] All except insignificant amounts issued by the Brazilian Treasury.
[2] Property of the Brazilian Treasury.
[3] Balances held abroad by the Bank of Brazil.

Annual Average Exchange Rates [1] (Cruzeiros per Dollar)

Type of rate	1939	1940	1943	1946	1947
Official	[2] 16. 829	16. 50	16. 50	[3] 16. 50	----------
Free	[2] 19. 706	19. 789	19. 63	19. 42	18. 72
Special free	[2] 21. 545	20. 70	20. 43	[4] 20. 00	----------

[1] Based on selling rates in Rio de Janeiro for sight drafts on New York.
[2] From April 10 to the end of year.
[3] Official market rate abolished July 22, 1946. The selling rate in the free market, which was reduced to 19.53 cruzeiros per dollar on the same date, was further reduced on July 30, 1946, to 18.96 cruzeiros per dollar as the result of a decree-law, published July 27, 1946, eliminating the 3-percent tax on exchange sales imposed by decree-law No. 9025 of February 27, 1946, which tax had been included in the free-market selling rate since February 28, 1946. On August 19, 1946, the selling rate in the free market was again reduced, this time to 18.72 cruzeiros per dollar.
[4] Special free market abolished by decree-law No. 9025, effective Februry 28, 1946.

PRINCIPAL SOURCES

Anuario Estatístico do Brasil (annual).
Boletim Estatístico (quarterly).
Comercio Exterior do Brasil (annual).
Comercio Exterior do Brasil, Resumo Mensal (monthly).
"Relatórios" of the Bank of Brazil.
Comercio Exterior do Brasil por Mercadorias (annual).
Comercio Exterior do Brasil com os Estados Unidos e com os Paises (annual).

CHILE

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 286,396 square miles. Population: December 31, 1948, estimate, 5,671,000; December 31, 1947, estimate, 5,527,000; 1940 census, 5,001,782. Cities: Santiago (May 1948), 1,113,800; Valparaiso (1947), 245,000; Concepción (1947), 92,364; Temuco (1947), 84,696; Antofagasta (1946 estimate for Department, including the municipality), 78,240; Iquique (1947), 77,304; Osorno (1947), 62,106; Chillán (1946 estimate for Department, including the municipality), 77,137; Valdivia (1947), 49,481; Puerto Montt (1947), 44,024; Talcahuano (1946 estimate for Department, including the municipality), 47,414; Viña del Mar (1947), 70,013; Talca (1947), 56,735; Rancagua (1947), 38,423; La Serena (1947), 35,055; Lota (1947), 34,445.

Education.—Data for 1940: Number of institutions, 5,095 (primary, 4,805; secondary, 253; normal, 10; commercial, 25; universities, 2); attendance, 729,841 students (primary, 672,444; secondary, 43,424; normal, 1,764; commercial, 6441; university, 5,708). (Data exclude the National Institute of Santiago, the University of Concepción, and a number of other institutions of advanced or specialized training.)

Illiteracy, 1942 estimate: About 24 percent.

AGRICULTURE, FISHING, AND FORESTRY

Land distribution, 1942–43 (percent of total area of Chile): Land classed as agricultural, 26 (about 47,600,000 acres); forestry area, 22; land unsuited for either forestry or agriculture, 52. Irrigated area, 1942–43: 3,212,000 acres.

Production of Principal Food Crops (Metric Tons)

Crop	1936/37–1938/39, average	1946/47	1947/48
Wheat	822, 923	902, 562	1, 071, 216
Rice	6, 500	87, 235	89, 421
Barley	122, 202	98, 877	107, 341
Oats	106, 335	67, 365	72, 228
Corn	59, 009	68, 301	74, 198
Beans	74, 168	79, 568	73, 159
Lentils	30, 988	20, 359	18, 510
Peas	21, 074	13, 472	15, 305
Chickpeas	4, 254	4, 527	6, 685
Potatoes	408, 773	569, 238	568, 840

Other crops, 1948–49 acreage: Sunflowers, 101,153 (58 percent above 1947–48); hemp, 12,429; flax, 4,506. Area in vineyards about 222,000 acres.

Livestock, 1948 (except as noted), with 1936 census figures in parentheses (thousands): Cattle, 2,310 (2,573), of which dairy cows, 465 (750); sheep, 6,328 (5,749); goats, 850 (810); hogs (1947), 800 (571); horses and mules, 460 (569); burros (1944), 35 (52).

Poultry: Number of chickens, 1948, 3,600,000 (5,000,000 in 1946); egg production, 1947, 460,000,000 (520,000,000 in 1946).

Livestock Slaughterings and Meat Consumption (In Terms of Dressed Meat)

Item	1936–38, average	1945	1946	1947[1]
Slaughterings:				
Cattle ... metric tons	104, 356	146, 893	193, 832	118, 609
Sheep and lamb ... do	20, 093	32, 153	37, 737	27, 336
Hogs ... do	14, 795	22, 773	25, 160	23, 505
Goats ... do	648	1, 631	1, 320	756
Total ... do	139, 892	203, 450	258, 049	170, 206
Meat consumption per capita:				
Beef and veal ... kilograms	22. 70	27. 30	35. 40	21. 40
Mutton and lamb ... do	4. 37	5. 97	6. 89	5. 00
Pork ... do	3. 23	4. 20	4. 59	4. 25
Goat meat ... do	. 14	. 30	. 24	. 14
Total ... do	30. 44	37. 77	47. 12	30. 79

[1] Estimated.

Production of Miscellaneous Food Products [1]

Product	1936–1938, average	1946	1947
Unprocessed foods:			
Milk ... million liters	231	[2] 580	[3] 547
Meat ... metric tons	139, 893	258, 049	170, 206
Eggs ... thousands	27, 819	[2] 43, 515	[3] 41, 358
Fish ... metric tons	26, 824	[2] 39, 814	[3] 45, 693
Shellfish ... do	7, 216	[2] 21, 128	[3] 14, 333
Processed foods:			
Edible oils ... metric tons	(4)	22, 000	18, 000
Pork products[5] ... do	1, 392	2, 331	2, 296
Alimentary pastes ... do	9, 389	13, 446	14, 432
Flour ... do	35, 147	33, 144	41, 052
Biscuits ... do	2, 407	4, 587	4, 537
Confectionery ... do	1, 140	1, 588	1, 421
Condensed milk ... do	2, 794	6, 430	9, 054
Powdered milk ... do	350	1, 068	922
Sugar ... do	118, 470	139, 913	144, 889

[1] Includes foods processed from imported materials.
[2] Year 1946-47.
[3] Year 1947-48.
[4] Not available.
[5] Included in "Meat" above.

Fisheries.—Catch, 1947 (metric tons): Fish, nearly 46,000; shellfish 14,300.

Forestry.—Forest and woodland area, about 39,500,000 acres. Estimated wood in forests: In trees of 5 inches or more in diameter, 65 billion cubic feet; in trees of 11 inches or more in diameter, 175 billion board feet; average net volume of wood per acre, 37,000 board feet. Annual cut about 196 million cubic feet (adequate for domestic needs), in addition to 38.5 million salvaged forest or manufacturing waste; 61 percent of cut is from natural forests, 27 percent from plantations, 12 percent from woodlands.

MINING AND MANUFACTURING

Chile is predominantly a mining country, the principal products of the industry being copper and sodium nitrate. Other minerals produced in important quantities are: Gold, sulfur, manganese, iodine, coal, silver, and iron. Oil was discovered at Springhill, Tierra del Fuego on December 29, 1945. The potential capacity of the Springhill Field is estimated at 17,000 barrels a day with an effective capacity of about 2,000 barrels a day.

Mineral Production

Mineral	1937	1938	1946	1947
Gold .... troy oz..	272, 698	294, 092	230, 483	197, 948
Silver .... 1,000 troy oz..	1, 855	1, 381	(1)	770
Copper .... 1,000 lb..	911, 124	774, 819	791, 451	899, 477
Iron ore .... 1,000 metric tons..	1, 530	1, 607	733	1, 084
Nitrate of soda .... do....	2 1, 438	2 1, 405	1, 617	1, 631
Coal .... do....	1, 988	2, 044	1, 954	2, 079
Manganese .... do....	(1)	(1)	3 20	3 20
Iodine .... metric tons..	(1)	(1)	620	1, 263

1 Not available.
2 Years ended June 30.
3 Present average annual production.

Industrial production indexes, including gas and electricity (1936–38=100), 1946, 1947, and 11 months of 1948, consecutively: 161.6, 157.9, 160.3.

TRANSPORTATION AND COMMUNICATION

Highways.—1946 (miles): Total, 28,125; hard-surfaced, 2,118; graveled, 7,459; surfaced with sand and clay, 472; improved earth roads, 1,445; unimproved earth roads, 16,631.

Railways.—1946: Miles of line in operation, 6,635; passenger-miles operated, 1,033,965; ton-miles of freight carried, 1,438,236.

Air service.—1947, with 1946 data, where available, in parentheses: Miles flown, 2,801,-547; flying hours, 18,227; passengers carried, 85,829 (44,001); cargo, 572,235 (297,376) kilograms; mail, 39,640 (28,919) kilograms.

Port traffic.—1947: Number of vessels entering and leaving Chilean ports, 8,930 (largest since 1943), net registered tonnage of vessels, 14,598,389 (greatest since 1940); cargo tonnage, 13,874,107 (greatest since 1940).

FOREIGN TRADE

Per capita trade.—1947: Imports, $48.85; exports, $50.65.

Basis of trade statistics.—The foreign trade statistics embrace imports and exports via ship, rail, and air, including parcel post.

All Chilean imports are recorded as imports for consumption. Exports include "nationalized" goods, that is, foreign goods which have been imported in accordance with applicable legal procedures, cleared through customs, and claimed by the importer. Thereafter, such goods are subject to the same regulations that control exportation of goods produced or manufactured in Chile. The term "reexports" in Chile's trade statistics refers solely to foreign merchandise entering Chilean ports but which, not having cleared customs, is later returned to the country of origin.

Values of imports and exports are those declared by merchants and verified by customs. Imports are c. i. f. as per commercial invoices; these valuations exclude import duties and unloading charges at port of entry. Exports are f. o. b. port of exit as shown on export permits; these valuations include the local sales price, export duties, and all overhead costs incurred in placing the goods on board ship.

Official foreign trade data of Chile show values in terms of the gold peso, a fixed monetary unit of account for which the United States dollar equivalent is $0.2065 per peso.

Value of Imports and Exports

Year	Thousands of gold pesos				Thousands of dollars			
	Merchandise		Gold, silver, and money		Merchandise		Gold, silver, and money	
	Imports	Exports[1]	Imports	Exports	Imports	Exports[1]	Imports	Exports
1934	213, 881	446, 521	27, 833	23, 311	44, 166	92, 206	5, 748	4, 814
1935	295, 049	443, 221	8, 577	29, 867	60, 928	91, 525	1, 771	6, 168
1936	346, 727	534, 362	6	27, 907	71, 599	110, 346	1	5, 763
1937	428, 802	920, 300	64	27, 289	88, 548	190, 042	13	5, 635
1938	498, 716	661, 214	241	21, 644	102, 985	136, 541	50	4, 469
1939	410, 493	648, 995	252	22, 360	84, 767	134, 017	52	4, 617
1940	505, 883	671, 260	1, 122	25, 456	104, 465	138, 615	232	5, 257
1941	524, 919	764, 601	332	16, 904	108, 396	157, 890	68	3, 491
1942	621, 614	862, 780	1, 151	6, 677	128, 363	178, 164	238	1, 379
1943	636, 046	860, 072	960	10, 070	131, 343	177, 605	198	2, 079
1944	698, 141	943, 524	24, 969	15, 440	144, 166	194, 838	5, 156	3, 188
1945	755, 980	989, 757	56	30, 574	156, 110	204, 385	12	6, 314
1946	953, 391	1, 042, 496	286	71, 228	196, 875	215, 275	59	14, 708
1947	[2] 1, 307, 336	[2] 1, 356, 140	(3)	(3)	[2] 269, 965	[2] 280, 043	(3)	(3)

[1] Includes "nationalized" merchandise.
[2] Preliminary data; includes gold, silver, and money.
[3] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports for consumption[1]					Exports[2]				
	1938	1939	1945	1946	1947[3]	1938[4]	1939[4]	1945[4]	1946	1947[3]
Merchandise, total (excluding gold, silver, and money)	**102, 985**	**84, 767**	**156, 110**	**196, 875**	**269, 965**	**136, 541**	**134, 017**	**204, 385**	**215, 275**	**280, 043**
United States	28, 689	26, 319	65, 678	79, 276	117, 843	18, 240	37, 949	116, 165	77, 289	124, 574
Belgium	1, 461	1, 336	1	339	1, 921	10, 816	6, 192	625	1, 932	4, 626
Czechoslovakia	344	86	--------	1	92	370	50	--------	1, 021	4, 418
Denmark	4, 639	273	--------	8	45	194	358	103	1, 124	1, 711
France	2, 045	1, 931	(5)	709	2, 540	6, 248	6, 433	2, 088	17, 748	24, 712
Germany	26, 553	19, 278	--------	(5)	131	13, 853	11, 590	--------	65	1, 146
United Kingdom	10, 440	6, 997	7, 232	11, 180	14, 018	30, 715	17, 036	3, 642	28, 562	29, 555
Italy	2, 759	3, 298	(5)	998	5, 467	5, 691	5, 174	1, 629	10, 850	12, 161
Netherlands	810	812	--------	168	716	93	45	1, 438	4, 154	3, 900
Spain	405	201	941	884	5, 759	18	44	1, 573	2, 628	1, 933
Sweden	1, 782	1, 455	2, 724	5, 178	6, 594	4, 341	6, 367	4, 231	7, 309	8, 013
Egypt	754	824	(5)	(5)	--------	(5)	1	2, 476	6, 412	5, 651
Cuba	920	525	1, 524	6, 475	4, 149	1, 045	649	5, 196	6, 163	4, 402
Curaçao	1, 392	1, 154	2, 386	7, 600	11, 088	5	5	52	117	44
Argentina	4, 491	3, 750	32, 064	28, 714	28, 563	2, 079	2, 580	13, 993	9, 823	21, 665
Bolivia	10	28	134	129	124	792	739	3, 727	5, 231	2, 321
Brazil	638	1, 092	10, 924	11, 333	13, 141	661	551	7, 454	9, 240	7, 638
Peru	5, 995	6, 394	24, 704	31, 759	35, 697	1, 030	788	3, 682	4, 291	3, 564
Uruguay	301	2	158	384	122	236	190	859	1, 099	1, 761
Other countries	8, 557	9, 012	7, 640	11, 740	21, 955	5, 009	4, 264	12, 074	20, 217	16, 248
Nitrate and iodine shipments	--------	--------	--------	--------	--------	31, 539	31, 179	(6)	(6)	(6)
"To order" shipments	--------	--------	--------	--------	--------	3, 566	1, 833	23, 378	--------	--------
Percent of total[4]:										
United States	27.9	31.0	42.1	40.3	43.6	--------	--------	--------	35.9	44.5
Belgium	1.4	1.6	(7)	(7)	.7	--------	--------	--------	.9	1.7
France	2.0	2.3	(7)	(7)	.9	--------	--------	--------	8.2	8.8
Germany	25.8	22.7	--------	(7)	(7)	--------	--------	--------	(7)	.4
United Kingdom	10.1	8.2	4.6	5.7	5.2	--------	--------	--------	13.3	10.6
Italy	2.7	3.9	(7)	.5	2.0	--------	--------	--------	5.0	4.3
Spain	.4	.2	.6	.4	2.1	--------	--------	--------	1.2	.7
Sweden	1.7	1.7	1.7	2.6	2.4	--------	--------	--------	3.4	2.9
Cuba	.9	.6	1.0	3.3	1.5	--------	--------	--------	2.9	1.6
Curaçao	1.4	1.4	1.5	3.9	4.1	--------	--------	--------	.1	(7)
Argentina	4.4	4.4	20.5	14.6	10.6	--------	--------	--------	4.6	7.7
Brazil	.6	1.3	7.0	5.8	4.9	--------	--------	--------	4.3	2.7
Peru	5.8	7.5	15.8	16.1	13.2	--------	--------	--------	2.0	1.3

See footnotes at end of table.

Trade with Principal Countries (Thousands of Dollars)—Continued

Country of origin or destination	Imports for consumption[1]					Exports[2]				
	1938	1939	1945	1946	1947[3]	1938[4]	1939[4]	1945[4]	1946	1947[3]
Gold, silver, and money, total:	50	52	12	59	(8)	4,469	4,617	6,314	14,708	(8)
United States	(5)	52	(5)	1	-------	3,924	4,338	303	6,863	-------
Belgium	(5)	-------	-------	-------	-------	172	70	-------	-------	-------
France	2	(5)	-------	-------	-------	100	106	-------	-------	-------
Germany	45	(5)	-------	-------	-------	272	103	-------	-------	-------
United Kingdom	3	(5)	-------	-------	-------	-------	-------	-------	-------	-------
Argentina	-------	-------	-------	10	-------	-------	-------	5,403	7,822	-------
Bolivia	-------	-------	12	48	-------	-------	-------	-------	-------	-------
Brazil	-------	-------	-------	-------	-------	1	-------	-------	-------	-------
Uruguay	-------	-------	-------	-------	-------	-------	-------	608	23	-------

[1] Total imports include small amounts of "shipwrecked" articles for which no country breakdown is available.
[2] Includes "nationalized" merchandise.
[3] Preliminary data; includes gold, silver, and money.
[4] Total exports include nitrate and iodine and "to order" shipments; however, in 1938 and 1939 data for trade with individual countries exclude these three items, and in 1945 they exclude "to order" shipments. Percentage distribution of exports to individual countries in 1938, 1939, and 1945 cannot, therefore, be shown.
[5] Less than $500.
[6] Included in individual country totals.
[7] Less than 0.05 percent.
[8] Not available.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Merchandise, imports, total (excluding gold, silver, and money)	-------	-------	-------	-------	**102,985**	**84,767**	**156,110**	**196,875**
Cattle ... number	52,799	39,045	236,286	200,056	1,314	1,149	13,355	12,055
Sheep ... do	627,395	592,841	851,261	866,504	939	889	1,522	1,969
Hogs ... do	65	32	48,232	34,164	3	1	847	916
Meat, fresh and cured ... 1,000 lb	33	58	10,042	270	5	7	953	34
Hides, raw ... do	3,707	806	7,679	6,235	459	192	1,055	1,012
Bananas ... do	36,605	39,639	32,536	42,447	380	413	885	1,139
Coffee beans ... do	7,585	9,790	19,912	25,029	397	472	2,056	3,369
Tea, in bulk ... do	4,685	6,130	4,174	3,407	1,002	1,257	1,437	1,195
Yerba mate ... do	16,159	19,122	12,697	22,917	510	691	1,064	2,206
Sugar, granulated (brown) ... do	300,639	307,868	350,075	312,727	3,788	4,060	15,588	22,780
Sunflower and marigold seeds ... do	(1)	(1)	70,282	50,212	(1)	(1)	3,551	3,180
Cottonseed ... do	111,612	88,004	(1)	(1)	1,621	1,129	(1)	(1)
Tanning extracts ... do	6,405	8,753	17,243	13,854	243	355	900	830
Tobacco, leaf ... do	257	293	97	1,432	104	121	72	1,078
Rubber and allied gums ... do	658	825	2,271	3,644	101	135	752	1,086
Tires and tubes, pneumatic ... do	1,968	2,970	704	1,989	570	877	615	1,350
Rice ... do	27,148	18,655	(2)	(1)	773	456	(3)	(1)
Wheat ... 1,000 bu	838	6	1	39	800	8	2	64
Animal fat, inedible ... 1,000 lb	3,178	5,372	9,494	3,390	138	185	669	275
Edible oils ... do	9,512	4,293	458	619	851	255	50	80
Butter, natural ... do	131	266	6,974	6,435	23	47	1,250	1,380
Wine, liquors and spirits ... 1,000 gal	29	32	42	80	144	154	322	657
Cotton, raw ... 1,000 lb	9,330	11,715	26,457	24,611	989	1,027	4,740	6,116
Cotton yarn for weaving ... do	7,629	8,521	4,982	3,202	2,168	2,143	3,577	2,608
Cotton thread ... do	951	952	552	634	649	686	1,068	1,136
Cotton fabric:								
Duck and sailcloth, cotton chief value ... 1,000 lb	275	226	50	349	99	81	33	216
Osnaburg ... do	3,877	4,795	990	1,898	727	719	590	1,311
Unbleached, cotton chief value ... do	4,013	5,248	1,002	773	1,018	975	929	820
Bleached, cotton chief value ... do	1,086	1,014	421	317	512	400	856	712
Printed, dyed, or of colored thread, cotton chief value ... 1,000 lb	3,222	2,925	1,573	1,250	2,045	1,650	3,818	3,288
Vegetable fiber, not dyed ... do	5,595	6,624	5,366	7,520	329	296	560	718
Sacks of hemp or jute ... do	11,072	8,169	6,610	4,911	541	380	827	582
Sheep's wool ... do	1,235	207	4,087	3,897	329	62	1,093	1,094
Wool fabric, cashmere ... do	1,561	1,536	416	450	2,818	2,479	1,780	2,275
Silk yarn and thread ... do	2,753	2,816	1,152	1,175	1,517	1,440	1,274	1,605
Wood pulp, mechanical ... long tons	13,525	14,481	13,903	17,742	954	614	1,685	1,905
Newsprint ... do	11,546	10,082	17,485	18,834	692	551	2,118	2,573

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Printed books, magazines, catalogs, newspapers, and other publications..1,000 lb..	1,253	1,216	2,868	3,534	209	170	516	823
Petroleum, crude..long tons..	564,965	436,800	571,085	831,742	4,933	3,250	7,910	11,012
Diesel and fuel oil..1,000 bbl..	288	646	1,246	654	592	1,068	2,611	1,811
Gasoline and benzine:								
In tanks..do..	769	806	839	1,374	2,229	2,156	2,638	4,481
In containers..do..	2	4	26	14	33	41	148	109
Mineral oil, industrial..do..	84	86	102	100	1,072	1,033	1,655	1,604
Paraffin..do..	52	63	53	35	451	605	963	608
Cement..barrels..	9,830	8,576	277,781	52,789	50	41	1,170	269
Iron and steel, semimanufactures:								
Wire..short tons..	14,274	21,128	23,327	19,938	1,153	1,482	2,043	2,048
Rolled..do..	37,147	28,243	37,100	35,043	2,405	1,620	2,871	2,839
Sheets, rectangular..do..	15,490	9,940	12,260	12,736	1,030	1,267	1,027	1,133
Tinplate..do..	6,394	9,909	8,008	5,252	691	960	928	663
Iron and steel manufactures:								
Pipes and tubes..do..	13,209	12,991	8,022	11,572	1,297	1,169	1,053	1,770
Wire cable or rope..do..	1,356	1,194	1,430	1,538	259	215	467	515
Other..	----	----	----	----	2,493	2,093	2,645	4,174
Manufactures of metals other than iron and steel..1,000 lb..	1,321	1,296	929	1,494	862	758	817	1,153
Manufactures of glass, clay and nonmetallic minerals..	----	----	----	----	1,431	1,336	1,743	1,735
Manufactures of celluloid, bakelite and similar products..1,000 lb..	73	40	136	147	183	113	593	754
Machinery, apparatus, and tools:								
Agricultural..	----	----	----	----	794	698	1,310	1,197
Mining..	----	----	----	----	968	754	867	917
Industrial..	----	----	----	----	5,910	5,769	7,387	12,038
Motors, turbines, and boilers..1,000 lb..	5,431	3,012	2,159	5,360	1,274	686	871	1,661
Parts for motors, turbines and boilers 1,000 lb..	1,205	1,274	1,539	2,400	553	632	863	1,204
Electrical machinery and apparatus:								
Electric wire and cable, other than iron..1,000 lb..	4,471	3,299	2,365	3,304	833	574	652	830
Incandescent bulbs and flourescent tubes..1,000 lb..	292	223	694	394	301	274	683	456
Telephone and telegraph apparatus 1,000 lb..	272	152	147	199	331	242	305	282
Other..	----	----	----	----	2,119	1,702	3,013	4,253
Radio receiving sets, transmitters, and parts..1,000 lb..	631	527	80	351	716	618	187	812
Typewriters, calculators, adding machines, and parts..1,000 lb..	290	311	160	290	413	427	403	672
Railroad equipment:								
Rails..short tons..	14,770	7,969	13,081	11,792	771	374	778	744
Locomotives..do..	1,008	16	412	95	571	9	291	101
Other..	----	----	----	----	1,014	474	1,086	1,442
Ships over 100 tons..	----	----			6,808	268	(1)	1
Tractors, gasoline motor..number..	(1)	291	482	761	668	536	561	1,320
Automobiles..do..	3,218	2,275	138	2,370	2,472	1,831	194	2,747
Automobile chassis..do..	2,103	2,506	1,041	3,666	1,668	2,075	1,348	5,404
Aircraft, parts and accessories..1,000 lb..	760	442	599	680	2,241	1,247	488	611
Chemical products, industrial..	----	----	----	----	2,112	1,727	3,729	4,008
Drugs and pharmaceuticals..	----	----	----	----	866	964	2,090	2,259
Pigments, colors, paints, varnishes, etc..	----	----	----	----	1,158	1,154	1,660	2,066
Watches..number..	78,266	76,902	114,085	122,113	270	252	866	1,021
Explosives..1,000 lb..	2,570	2,518	350	905	645	612	282	579
Motion picture film..pounds..	41,014	36,095	46,662	64,361	488	462	541	739
Arms and munitions..	----	----	----	----	182	333	748	424
Other merchandise..	----	----	----	----	15,914	14,340	21,216	27,972
Gold, silver, and money, total..	----	----	----	----	50	52	12	59
Gold:								
Sheets..troy ounces..	4	4	(1)	64	(3)	(3)	(1)	(3)
Silver:								
Ore..do..	(1)	(1)	369,725	131,815	(1)	(1)	12	48
Coins..do..	1,569	588	(1)	6	45	(3)	(1)	(3)
Bars or ingots..do..	7,201	116,070	18	(1)	5	52	(3)	(1)
Powder, etc..do..	178	186	517	830	(3)	(3)	(3)	1
Paper money..	----	----	----	----	(1)	(1)	(1)	10

[1] Not reported in source.
[2] Less than 500 pounds.
[3] Less than $500.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Merchandise exports, total[1] (excluding gold, silver, and specie)	-------	-------	-------	-------	**136,541**	**134,017**	**204,385**	**215,275**
Meat, frozen or fresh ... 1,000 lb	23,072	23,501	11,322	26,185	1,395	1,417	1,312	2,141
Tripe, salted ... do	1,472	1,288	526	1,317	607	391	423	668
Fish, dried, smoked, salted or canned 1,000 lb	4	6	3,368	2,838	(2)	1	840	584
Hides and skins, raw:								
Wild-animal fur skins ... do	122	64	339	401	87	46	502	645
Sheepskins ... do	6,508	9,255	5,805	7,495	1,334	1,410	1,157	1,974
Others, not dressed ... do	2,773	1,737	481	231	418	206	120	96
Beeswax ... do	596	484	839	664	171	119	249	320
Honey ... do	5,351	1,196	4,176	3,725	240	59	324	460
Rice ... do	1	5	93,028	78,497	(2)	(2)	5,692	7,813
Barley ... 1,000 bu	3,493	1,130	3	38	2,208	954	3	61
Barley malt ... do	492	656	1,322	1,431	550	597	3,159	3,861
Oats, not milled ... do	3,620	2,122	345	938	1,173	664	262	893
Oats, milled ... 1,000 lb	7,313	6,733	7,961	8,423	233	166	312	550
Brans ... do	65,381	48,619	5	(3)	559	240	(2)	(2)
Feeds and forage ... do	46,339	44,842	371	9,832	402	277	7	183
Beans, peas and lentils ... do	213,181	121,788	125,372	116,520	6,436	4,505	7,172	10,129
Capsicum, ground or unground ... do	259	894	2,060	1,132	26	113	438	292
Garlic ... do	9,493	8,979	6,974	10,340	265	280	717	1,486
Onions ... do	9,108	21,869	5,748	11,188	98	325	239	371
Apples, fresh ... do	26,828	29,730	5,844	13,033	837	1,279	442	885
Prunes ... do	2,030	1,638	2,039	4,163	107	88	383	647
Walnuts, hulled or not ... do	4,792	5,359	3,692	3,990	402	654	966	1,016
Wines ... 1,000 gal	3,111	2,598	1,230	2,215	928	783	1,850	2,663
Hemp fiber ... 1,000 lb	11,198	10,122	17,964	9,141	945	897	3,479	2,111
Sheep's wool ... do	21,487	25,633	23,392	16,667	5,234	5,728	6,798	5,318
Men's hats, felt ... thousands	19	17	1,202	1,748	36	28	640	1,034
Blankets, wool ... 1,000 lb	(3)	(4)	4	437	(3)	(2)	5	761
Quillai bark ... do	3,992	1,890	1,650	2,426	107	67	141	329
Wood, unmanufactured:								
Rauli ... long tons	10,540	15,496	7,510	5,800	419	648	561	506
Other ... do	27,724	26,438	30,243	34,323	581	682	1,114	1,555
Wood, semimanufactures ... do	4,130	1,715	3,087	4,476	155	52	482	1,011
Coal ... do	57,202	34,941	53,871	38,745	289	186	494	344
Sulfur ... do	11,225	7,494	10,706	4,646	272	191	399	196
Crockery manufactures ... 1,000 lb	1	(4)	2,563	1,837	(2)	(2)	417	311
Manganese ore ... long tons	19,014	11,050	87,937	166,375	231	146	1,880	3,353
Molybdenum ore ... do	(3)	41	612	2,287	(3)	36	427	1,725
Copper:								
Ore, concentrates, and precipitates 1,000 lb	13,719	28,618	75,343	12,213	100	175	1,221	311
Bars, electrolytic ... do	406,088	345,796	520,316	519,945	38,064	36,652	59,336	66,067
Bars, standard or blister ... do	364,023	342,580	430,268	304,607	29,836	31,832	43,999	38,618
Copper and gold ore and concentrates 1,000 lb	31,043	54,952	24,447	11,165	681	1,258	386	420
Copper and silver concentrates ... do	20,988	19,621	(3)	(3)	541	525	(3)	(3)
Copper, gold, and silver ore and concentrates ... 1,000 lb	150,193	167,950	52,316	30,936	2,285	2,886	867	1,006
Copper sheets ... do	(3)	(3)	16,803	4,524	(3)	(3)	3,287	1,233
Copper wire ... do	(4)	(3)	10,598	5,735	(2)	(3)	1,840	1,005
Iron ore ... 1,000 long tons	1,546	1,567	214	1,165	2,783	2,821	385	2,097
Iron bars ... 1,000 lb	4	62	8,524	596	(2)	2	814	12
Rails, railway ... do	134	82	23,416	9,467	4	3	451	165
Dynamite and explosives ... do	2,159	2,823	4,423	3,805	271	371	721	638
Sodium sulfate ... long tons	63,938	12,945	(3)	513,984	702	190	(3)	99
Sodium nitrate ... 1,000 long tons	1,548	1,559	1,588	1,386	29,231	29,448	37,686	34,748
Iodine, crude ... 1,000 lb	1,318	988	838	2,438	2,308	1,731	875	2,481
Other merchandise	-------	-------	-------	-------	2,990	2,888	9,111	10,083
Gold, silver, and money, total	-------	-------	-------	-------	4,469	4,617	6,314	14,708
Gold:								
Ore ... 1,000 troy oz	869,870	98,969	169,385	216,042	1,051	945	260	405
Concentrates ... do	127,266	175,082	(3)	206,011	544	560	(3)	931
Precipitates ... do	51	13	(3)	(3)	259	79	(3)	(3)
Coins ... do	10	(3)	156	212	810	(3)	6,051	7,803
Bars or ingots ... do	27	82	(3)	205	869	2,253	(3)	5,455
Silver:								
Ore ... do	8,504	7,620	(3)	6,141	12	16	(3)	18
Concentrates ... do	5,170	68	(3)	(3)	7	1	(3)	(3)
Precipitates ... do	186	51	(3)	(3)	11	2	(3)	(3)
Sulfides ... do	231	(3)	(3)	(3)	10	(3)	(3)	(3)
Articles for scrap ... do	1	(3)	(3)	(3)	1	(3)	(3)	(3)
Gold and silver:								
Ore ... do	258,390	372,879	9,883	37,558	261	335	3	52
Concentrates ... do	61,667	51,864	(3)	836	268	207	(3)	2
Precipitates ... do	244	125	(3)	(3)	366	219	(3)	(3)
Coins, ordinary metal ... do	(3)	(3)	(3)	-------	(3)	(3)	(3)	42
Reexports, total[5]	-------	-------	-------	-------	206	39	180	32

[1] Includes "nationalized" merchandise. [2] Less than $500. [3] Not reported. [4] Less than 500 pounds.
[5] For special definition of term "reexports" as used in Chilean trade statistics see "Basis of trade statistics."

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Merchandise imports from the United States, total (excluding gold, silver and specie)	-------	-------	-------	-------	**28, 689**	**26, 319**	**65, 678**	**79, 276**
Hides, raw 1,000 lb	356	225	23	(1)	88	66	5	(2)
Rice do	18, 540	1, 120	-------	(3)	562	35	-------	(3)
Cacao do	1, 196	1, 148	-------	(1)	78	65	-------	(2)
Hops do	(1)	4	334	358	(2)	1	284	280
Tires and tubes, pneumatic do	1, 176	1, 540	46	1, 286	341	459	32	822
Rubber and allied gums do	129	93	2, 261	2, 450	13	17	747	760
Colophony do	4, 721	6, 309	3, 460	3, 541	141	190	263	302
Turpentine, not rectified do	1, 354	2, 077	1, 150	2, 233	80	114	128	198
Tubes and joints chiefly of rubber, celluloid, or similar products 1,000 lb	232	267	351	618	83	86	192	358
Women's clothing, wool do	1	2	10	15	7	5	101	159
Women's clothing, silk do	1	1	5	9	4	5	85	138
Cotton, raw do	5, 810	5, 998	(1)	5	614	548	(2)	1
Cotton yarn for weaving do	2, 958	3, 045	3, 128	2, 795	804	860	2, 372	2, 332
Cotton thread do	56	66	40	99	17	16	64	90
Cotton fabric:								
Duck and sailcloth, cotton chief value 1,000 lb	142	98	23	316	39	31	14	186
Osnaburg do	2, 736	1, 783	353	501	530	332	156	262
Unbleached, cotton chief value do	32	18	175	190	9	5	104	135
Bleached, cotton chief value do	16	43	114	132	7	18	130	190
Printed, dyed, or of colored thread, cotton chief value 1,000 lb	79	58	231	343	33	28	334	536
Silk yarn and thread do	80	93	945	685	136	188	981	782
Silk fabric do	1	(1)	34	29	3	1	118	106
Lumber, pine 1,000 bd. ft	9, 001	1, 970	1, 067	1, 354	293	83	92	101
Wood pulp, mechanical long tons	854	78	6, 733	588	35	4	812	62
Paper and manufactures:								
Newsprint do	918	62	8, 927	2, 484	49	4	996	278
Cigarette 1,000 lb	-------	-------	425	312	-------	-------	179	135
Other	-------	-------	-------	-------	144	147	606	747
Printed books, magazines, catalogs, newspapers and other publications 1,000 lb	206	185	744	787	56	42	249	269
Coal long tons	1	1	63	3, 467	(2)	(2)	3	68
Coke do	1, 555	1, 597	5, 161	6, 582	27	24	236	326
Petroleum, crude do	344, 779	254, 381	269, 434	185, 591	3, 203	2, 001	3, 651	2, 259
Diesel and fuel oil 1,000 bbl	141	401	516	8	262	673	987	36
Gasoline and benzine do	131	265	27	18	388	751	234	166
Lubricating grease, mineral do	4	2	4	4	72	50	111	108
Paraffin do	13	17	53	35	104	165	963	608
Mineral oil, industrial do	68	81	91	87	906	976	1, 541	1, 475
Tar and mineral pitch 1,000 lb	2, 338	1, 443	14, 085	14, 180	33	21	423	311
Cement barrels	5, 154	3, 966	177, 562	48, 410	30	22	798	228
Refractory brick long tons	2, 642	2, 652	5, 049	4, 963	184	194	422	434
Manufactures of celluloid, bakelite and similar products 1,000 lb	7	5	129	136	55	42	560	706
Iron and steel, semimanufactures:								
Iron bars short tons	2, 526	1, 164	3, 641	1, 030	70	34	163	46
Wire do	6, 096	8, 141	23, 306	18, 958	414	502	2, 035	1, 855
Rolled do	10, 852	12, 503	36, 932	32, 210	672	620	2, 826	2, 541
Sheets, rectangular do	8, 672	15, 951	12, 254	12, 186	511	924	1, 026	1, 070
Tinplate do	3, 554	7, 081	8, 007	5, 252	370	667	928	663
Iron and steel, manufactures:								
Pipes and tubes do	3, 306	1, 985	5, 352	8, 573	352	204	707	1, 333
Wire cable or rope do	182	288	1, 388	1, 163	40	58	442	403
Other	-------	-------	-------	-------	520	540	1, 686	2, 760
Tin bars or ingots 1,000 lb	76	74	197	237	32	36	119	150
Zinc bars do	694	786	1, 097	2, 872	28	30	114	268
Electrical machinery and apparatus:								
Electric wire and cable other than iron 1,000 lb	1, 566	900	2, 055	2, 405	314	190	561	633
Incandescent bulbs and fluorescent tubes 1,000 lb	97	91	682	374	105	115	664	424
Telegraph and telephone apparatus 1,000 lb	20	14	133	173	42	27	277	190
Other	-------	-------	-------	-------	1, 036	800	2, 858	3, 750
Machinery, apparatus and tools:								
Agricultural	-------	-------	-------	-------	452	439	1, 108	980
Mining	-------	-------	-------	-------	855	675	860	876
Other industrial	-------	-------	-------	-------	1, 956	2, 095	5, 966	9, 192
Motors, turbines, and boilers 1,000 lb	1, 742	506	2, 044	4, 110	430	173	817	1, 270
Parts for motors, turbines and boilers 1,000 lb	574	769	1, 489	2, 125	272	370	838	1, 088

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Radio receiving sets, transmitters, and parts ... 1,000 lb	397	300	63	256	430	334	150	606
Railroad equipment:								
Locomotives ... short tons	903	------	412	91	520	------	291	97
Rails ... do	14,002	688	13,078	11,735	727	37	777	739
Other	------	------	------	------	480	218	1,060	1,355
Tractors, gasoline motor ... number	(3)	170	482	755	293	338	561	1,312
Automobiles ... do	2,641	1,809	116	1,721	1,978	1,445	167	2,017
Automobile chassis ... do	1,920	2,329	1,039	3,368	1,317	1,734	1,345	4,762
Aircraft and parts ... 1,000 lb	4	3	560	655	12	3	464	573
Chemical products, industrial	------	------	------	------	475	720	2,845	3,010
Drugs and pharmaceuticals	------	------	------	------	147	188	1,648	1,591
Pigments, colors, paints, and varnishes	------	------	------	------	172	214	1,209	1,475
Explosives ... 1,000 lb	929	379	350	859	283	195	282	567
Motion picture film ... pounds	30,282	26,693	34,242	50,238	381	347	403	586
Typewriters, calculators, and adding machines ... 1,000 lb	209	213	130	231	291	302	326	504
Arms and munitions	------	------	------	------	26	26	697	366
Other merchandise	------	------	------	------	3,256	3,450	10,485	14,270
Gold, silver and specie, total	------	------	------	------	(2)	52	(3)	1
Gold:								
Sheets ... troy ounces	------	------	(3)	64	------	------	(3)	(2)
Silver:								
Coins ... do	------	------	(3)	6	------	------	(3)	(2)
Bars or ingots ... do	193	116,070	18	(3)	(2)	52	(2)	(3)
Powder, etc. ... do	98	68	517	830	(2)	(2)	(2)	1

[1] Less than 500 pounds. [2] Less than $500. [3] Not reported in source.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Merchandise exports to the United States, total (excluding gold and silver)	------	------	------	------	[1] **18,240**	[1] **37,949**	[2] **116,165**	77,289
Tripe, salted ... 1,000 lb	451	393	457	790	243	156	410	550
Fish, dried, smoked, salted or canned ... 1,000 lb	(3)	------	1,719	1,147	(4)	------	490	254
Hides and skins, raw:								
Wild animal fur skins ... do	80	37	252	240	20	16	359	261
Sheepskins ... do	144	1,666	5,453	6,153	20	217	1,110	1,594
Others not dressed ... do	58	189	471	220	13	26	118	92
Beeswax ... do	2	109	829	545	(4)	24	234	261
Honey ... do	------	1	2,842	2,281	------	(4)	220	290
Beans, peas, and lentils ... do	9,871	5,351	37,137	5,161	303	180	1,776	465
Capsicum, ground ... do	(3)	------	1,711	991	(4)	------	360	256
Garlic ... do	850	1,060	2,188	1,827	28	38	255	289
Wines ... 1,000 gal	2	11	282	237	6	23	737	665
Sheep's wool ... 1,000 lb	20	302	22,918	11,930	4	58	6,652	3,754
Manganese ore ... long tons	------	2,249	83,237	162,050	------	24	1,789	3,270
Copper:								
Ore, concentrates, and precipitates ... 1,000 lb	5,738	8,833	75,342	12,213	40	62	1,221	311
Bars, electrolytic ... do	23,439	104,909	472,754	178,160	2,266	12,867	53,904	21,467
Bars, standard or blister ... do	124,631	187,872	403,298	194,953	10,204	18,312	41,168	24,882
Copper and gold ore and concentrates ... 1,000 lb	15,711	27,298	24,447	11,165	476	828	387	430
Copper, gold, and silver ore and concentrates ... 1,000 lb	57,864	61,026	48,160	30,936	1,122	1,743	815	1,006
Iron ore ... 1,000 long tons	1,546	1,567	214	1,165	2,783	2,821	385	2,097
Sodium sulfate ... long tons	24,652	1,340	(5)	------	264	10	(5)	------
Sodium nitrate ... do	(1)	(1)	(2)	466	(1)	(1)	[2] 1,847	11,172
Iodine, crude ... 1,000 lb	(1)	(1)	(2)	1,308	(1)	(1)	(2)	1,330
Other merchandise	------	------	------	------	448	544	1,928	2,603

See footnotes at end of table.

Principal Exports to the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Gold, silver, and specie, total	--------	--------	--------	--------	3,924	4,338	303	6,863
Gold:								
Ore .... 1,000 troy oz	653,844	868,857	169,385	216,042	855	838	260	405
Concentrates .... do	121,614	173,957	(5)	206,011	534	555	(5)	931
Precipitates .... do	48	13	(5)	(5)	237	79	(5)	(5)
Coins .... do	9	(5)	1	--------	810	(5)	40	--------
Bars or ingots .... do	27	82	(5)	205	869	2,253	(5)	5,455
Silver:								
Ore .... do	8,504	7,620	(5)	6,141	12	17	(5)	18
Concentrates .... do	5,170	68	(5)	(5)	8	1	(5)	(5)
Precipitates .... do	122	51	(5)	(5)	7	2	(5)	(5)
Sulfides .... do	154	(5)	(5)	(5)	7	(5)	(5)	(5)
Gold and silver:								
Ore .... do	70,749	335,427	9,883	37,558	88	293	3	52
Concentrates .... do	53,600	47,421	(5)	836	235	190	(5)	2
Precipitates .... do	106	35	(5)	(5)	262	110	(5)	(5)

[1] Figures for exports to the United States in 1938 and 1939 do not include data for exports of nitrates and iodine for which no country breakdown is available.
[2] In 1945 only partial country distribution is available for both nitrates and iodine as over one-half is listed in the "to order" shipments for which no country distribution is available.
[3] Less than 500 pounds.
[4] Less than $500.
[5] Not reported in source.

FINANCE

Government Receipts and Expenditures [1] (Millions of Pesos)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948[2]
Receipts	1,792.5	2,051.6	2,495.6	2,764.5	3,264.6	4,089.4	5,531.0	6,197.6	9,978.8	9,617.7
Expenditures	1,777.3	2,201.8	2,760.7	3,052.0	3,486.7	4,472.1	5,741.5	6,726.2	9,610.5	10,452.0

[1] Does not include expenditures financed largely through loans and other credit operations.
[2] Estimated; includes both ordinary and extraordinary budgets.

Public Debt as of December 31 (Millions of Pesos)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Direct debt:									
External	1,947	1,921	1,910	1,898	1,996	1,968	1,920	1,758	1,688
Internal	1,690	1,761	1,752	2,111	2,573	3,092	3,866	4,477	4,290
Bank advances	344	346	383	323	219	167	150	(1)	130
Port works	22	22	21	21	20	19	19	6	6
Law 6334	193	330	547	615	689	691	711	711	711
Law 8918									400
Total	4,196	4,380	4,613	4,967	5,496	5,936	6,665	(1)	7,225
Indirect debt:									
External	681	659	768	818	898	927	902	(1)	931
Internal	274	343	397	460	547	635	687	(1)	833
Total	955	1,002	1,165	1,278	1,445	1,562	1,588	(1)	1,764
Grand total	5,151	5,382	5,778	6,246	6,941	7,498	8,253	(1)	8,989

[1] Not available.

Gold and Foreign Exchange Holdings of the Central Bank (Millions of Pesos)[1]

Item	End of year—								
	1939	1940	1941	1942	1943	1944	1945	1946	1947
Bank's own account	146.0	146.9	148.0	183.9	250.6	272.9	349.0	318.0	200.5
Held for third parties	24.8	23.4	46.7	88.8	100.3	237.2	184.6	17.3	113.8
Total holdings	170.8	170.3	194.7	272.7	350.9	510.1	533.6	335.3	314.3

[1] Statistics of the Central Bank. The dollar-peso conversion rate for these statistics before March 16, 1943, was 8 pesos to the U. S. dollar: after that, 4.855 pesos to the dollar.

Currency and exchange.—The unit of currency is the peso; par value, announced by the International Monetary Fund, December 18, 1946, $0.0322581 (31 pesos to the dollar).

Annual Average Exchange Rates of the Chilean Peso (Pesos per U. S. Dollar)

Selling rates	1939	1940	1941	1942	1943	1944	1945	1946	1947
Government	19.37	19.37	19.37	[1] 19.37	19.47	19.47	19.47	19.47	19.47
Preferential	24.98	24.90	24.00	[1] 25.00	25.10	25.10	25.10	25.10	25.10
Official	30.85	30.95	31.00	[1] 31.00	31.10	31.10	31.10	31.10	31.10
Curb	32.47	33.04	31.78	31.75	32.37	31.85	32.24	34.86	47.89

[1] January 1 to August 15.

PRINCIPAL SOURCES

Boletín Minero (monthly).
Industria (monthly).
Boletín Mensual of the Banco Central de Chile (monthly).
Estadística Chilena (monthly).
Estadística Bancaria (monthly and annual).
Comercio Exterior (annual).
Anuario de Comercio Exterior, 1942.

COLOMBIA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 439,828 square miles. Population, July 1947 estimate, 10,545,000; 1946 estimate, 10,134,760; 1938 census, 8,701,816. Rural, 71 percent; urban, 29 percent. Principal cities, July 5, 1945, estimates: Bogotá, 443,520 (1938 census, 330,312; 1928 census, 235,421); Medellín, 219,790 (1938 census, 168,266; 1928 census, 120,044); Barranquilla, 206,630 (1938 census, 152,348; 1928 census, 139,974); Cartagena, 101,520 (1938 census, 84,937; 1928 census, 92,494); Cali, 135,610 (1938 census, 101,873; 1928 census, 122,847); Manizales, 109,820 (1938 census, 86,027; 1928 census, 81,091); Ibagué, 78,970 (1938 census, 61,447; 1928 census, 56,333); Cucuta, 72,440 (1938 census, 57,248; 1928 census, 49,279); Bucaramanga, 66,220 (1938 census, 51,283; 1928 census, 44,083); Pasto, 60,070 (1938 census, 49,644; 1928 census, 43,162).

Education.—School enrollment: 1943, 794,879; 1944, 819,131; 1945, 788,193. Primary schools: 1943, number 10,098, enrollment 679,273; 1944, number 10,778, enrollment 698,561; 1945, number 12,147, enrollment 678,386. Secondary schools: 1943, number 514, enrollment 40,361; 1944, number 525, enrollment 40,362; 1945, number 667, enrollment 35,807. Higher educational institutions: 1943, number 43, enrollment 4,990; 1944, number 48, enrollment 5,133; 1945, number 42, enrollment 6,512. Illiteracy, 1938 estimate, 57.7 percent of persons of school age.

AGRICULTURE

Land distribution: Total land area, 281,489,920 acres; forest or woodland, 50 to 60 percent; oil concessions, 1 percent; various, 15 to 25 percent. Estimated area cultivated, 1946, 5,864,000 acres, or approximately 2 percent of the total land area.

Coffee.—Cultivated area, 1940 estimate, 948,000 acres; number of plantations, 170,000; producing trees, 550,000. Export statistics (in thousands of bags of 60 kilos):1937–38, 4,173; 1938–39, 4,045; 1939–40, 3,727; 1940–41, 3,787; 1941–42, 3,468; 1942–43, 4,472; 1943–44, 5,312; 1944–45, 4,664; 1945–46, 5,374; 1946–47, 5,421.

Bananas.—Exports (number of stems): 1938, 7,492,851; 1939, 7,575,070; 1940, 5,003,-158; 1941, 2,642,437; 1942, 255,233; 1943, 500; 1944, 459,957; 1945, 1,382,858; 1946, 2,110,-414; 1947, 3,500,000.

Other crops (production estimates in metric tons). Milled rice: 1939, 40,584; 1940, 51,120; 1941, 59,840; 1942, 64,260; 1943, 65,045; 1944, 65,045; 1946, 81,680; 1947, 112,758.

Wheat: 1938, 90,770; 1939, 126,340; 1940, 124,610; 1941, 141,620; 1942, 107,740; 1943, 91,215; 1944, 80,640; 1945, 82,432; 1946, 80,000; 1947, 70,000.

Corn: 1938, 490,504; 1939, 550,000; 1940, 609,500; 1941, 578,000; 1942, 548,400; 1943, 546,300; 1944, 617,000; 1945, 614,700; 1946, 620,000; 1947, 650,000.

Potatoes: 1938, 371,400; 1939, 459,200; 1940, 443,960; 1941, 398,000; 1942, 418,100; 1943, 345,300; 1944, 402,000; 1945, 448,000; 1946, 460,000; 1947, 480,000.

Yucca: 1942, 1,053,950; 1946, 730,000.

Barley: 1940, 8,646; 1941, 9,606; 1942, 10,673; 1943, 11,858; 1944, 13,775; 1946, 24,000, 1947, 24,000.

Platanos: 1942, 713,998; 1946, 952,000.

Sugar: 1938, 46,758; 1939, 47,859; 1940, 49,434; 1941, 57,941; 1942, 65,455; 1943, 69,117; 1944, 73,849; 1945, 80,941; 1946, 76,457; 1947, 83,242.

Cacao: 1946, 11,385; 1947, 11,000.

Tobacco leaf: 1943, 11,400; 1944, 15,460; 1945, 16,232; 1946, 18,600; 1947, 18,000.

Cotton fiber: 1938, 4,267; 1939, 4,395; 1940, 2,860; 1941, 3,830; 1942, 4,922; 1943, 4,420; 1944, 5,731; 1945, 4,738; 1946, 4,625; 1947, 4,594. Other fibers: 1946, 16,000.

Livestock (thousands).—Cattle (1942), 10,934; sheep (1941), 1,600; goats (1941), 600; swine (1941), 1,600; horses, mules, and asses (1938), 1,805.

MINING AND MANUFACTURING

Mining.—Petroleum (thousands of barrels of 42 gallons): 1943, 13,395; 1944, 22,648; 1945, 22,825; 1946, 22,424; 1947, 24,981. Gold (troy ounces): 1943, 565,501; 1944, 553,530; 1945, 506,695; 1946, 437,176; 1947, 383,027. Silver (troy ounces): 1941, 187,519; 1942, 167,019; 1943, 130,305; 1944, 127,326; 1945, 104,828; 1946, 96,213; 1947, 67,211. Platinum (troy ounces): 1943, 34,564; 1944, 34,304; 1945, 34,757; 1946, 43,835; 1947, 40,047. Coal and coke (thousands of kilograms): 1943, 482,592; 1944, 516,031; 1945, 534,467.

Production of Principal Commodities, by Value (Thousands of Pesos)

Commodity	1943	July 1, 1944, to June 30, 1945	Commodity	1943	July 1, 1944, to June 30, 1945
Yarns and threads	62,995	78,730	Carbonated beverages	5,674	6,454
Cigars and cigarettes	33,291	15,932	Matches	3,448	1,839
Beer	28,008	27,733	Soap	1,447	(1)
Distilled liquors	23,079	17,751	Crackers and cookies	9,880	8,403
Grain-mill products	12,387	51,661	Paper manufactures	1,714	2,237
Chocolates	9,272	14,467	Glassware, pottery	3,399	(1)
Sugar-mill products	10,311	8,321	Foodstuffs	(1)	(1)
Chemicals and related products	10,366	27,684	Cement manufactures	2,828	8,582
Cement	8,710	8,582	Rubber manufactures	1,420	4,532
Metal manufactures	5,622	21,589	Candles	(1)	(1)
Tannery products	6,912	12,256	Belts and braces	1,215	(1)
Vegetable oils and greases	5,926	10,662	Fermented liquors	792	(1)
Footwear	4,373	11,953			

[1] Not available.

TRANSPORTATION AND COMMUNICATION

Railways.—Miles of line: 1943, 2,141; 1944, 2,143; 1945, 2,141. Passengers (thousands): 1943, 15,665; 1944, 16,823; 1945, 17,764. Freight (metric tons): 1943, 4,293,873; 1944, 4,397,-560; 1945, 4,925,727.

Postal services.—Pieces of mail: 1943, 28,858,610; 1944, 32,380,272; 1945, 38,467,020.

Telegraphs.—Miles of line: 1943, 22,937; 1944, 23,012; 1945, 28,674. Messages sent: 1943, 7,853,049; 1944, 8,009,190; 1945, 9,147,733. Gross receipts (thousand pesos): 1943, 1,765; 1944, 1,943; 1945, 2,344

Telephones.—Miles of wire: 1943, 136,019; 1944, 111,377; 1945, 103,223. Number of instruments: 1943, 47,060; 1944, 47,684; 1945, 42,705. Gross receipts (thousand pesos): 1943, 3,102; 1944, 3,968; 1945, 4,258.

FOREIGN TRADE

Per capita trade.—1947: Imports, $34.50; exports, $24.10.

Basis of trade statistics.—The statistics represent "general commerce," which embraces all merchandise entering into the export and import trade.

The values shown for imports and exports are those declared by merchants and checked by customs. Imports are c. i. f. Colombian frontier or importation point as per consular invoice. Imports for the years 1934 through 1936 are valued f. o. b. country of origin and have been adjusted by 12 percent of the yearly average f. o. b. value for freight and other charges to conform with the c. i. f. values of the later years. Export values are f. o. b. Colombian frontier or port of lading, net of export duties.

Foreign trade values have been converted from Colombian pesos to United States dollars at the following rates: 1934, $0.6152; 1935, $0.5609; 1936, $0.5709; 1937, $0.5656; 1938, $0.5592; 1939 $0 5707; 1940, $0.5708; 1941, $0.5700; 1942, $0.5706; 1943, $0.5726; 1944, $0.5726; 1945, $0.5708; 1946, $0.5710; 1947, $0.5698.

Value of Imports and Exports

Year	Thousands of pesos					Thousands of dollars				
	Merchandise excluding gold and silver reported as merchandise		Gold, silver, and money reported as merchandise		Gold bars and coin not reported as merchandise	Merchandise excluding gold and silver reported as merchandise		Gold, silver, and money reported as merchandise		Gold bars and coin not reported as merchandise
	Imports	Exports	Imports	Exports	Exports	Imports	Exports	Imports	Exports	Exports
1934	97, 249	123, 885	817	6	28, 514	59, 828	76, 214	503	4	17, 542
1935	116, 808	123, 488	2, 869	114	19, 186	65, 518	69, 264	1, 609	64	10, 761
1936	134, 441	136, 711	----------	133	20, 788	76, 752	78, 048	----------	76	11, 868
1937	169, 682	152, 164	(1)	5	32, 019	95, 972	86, 064	(2)	3	18, 110
1938	159, 119	144, 446	133	----------	18, 780	88, 979	80, 774	74	----------	10, 502
1939	183, 420	136, 471	23	----------	40, 582	104, 678	77, 884	13	----------	23, 160
1940	148, 181	126, 038	12	(1)	41, 838	84, 582	71, 942	7	(2)	23, 881
1941	169, 913	133, 533	93	10	42, 589	96, 850	76, 114	53	6	24, 276
1942	104, 832	170, 930	149	7	20, 966	59, 817	97, 533	85	4	11, 963
1943	146, 247	218, 520	445	----------	165	83, 741	125, 124	225	----------	94
1944	174, 020	227, 136	646	(1)	164	99, 644	130, 058	313	(2)	94
1945	280, 153	246, 127	1, 029	48	----------	159, 911	140, 489	587	27	----------
1946	400, 997	351, 786	2, 046	50	----------	228, 969	200, 870	1, 168	28	----------
1947	[3] 638, 458	[3] 446, 354	(4)	(4)	(4)	[3] 363, 793	[3] 254, 332	(4)	(4)	(4)

[1] Less than 500 pesos.
[2] Less than $500.
[3] Preliminary figures include merchandise, gold and silver.
[4] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country of origin or sale	Imports					Exports				
	1938	1939	1945	1946	1947[1] [2]	1938	1939	1945	1946	1947[1]
Merchandise, total (excluding gold and silver reported as merchandise)	**88,979**	**104,678**	**159,911**	**228,969**	**363,793**	**80,774**	**77,884**	**140,489**	**200,870**	**254,332**
United States	44,351	56,564	105,458	155,925	263,106	42,594	44,410	109,874	164,429	214,598
Belgium-Luxembourg	1,892	2,202	1	1,353	6,035	512	419	6	680	1,656
France	3,009	3,184	1	1,348	5,644	3,754	3,161	117	1,582	1,110
Germany	15,527	13,375	2	30	8	11,784	7,413	--------	(3)	2
Italy	1,102	2,426	--------	889	4,507	1,072	1,330	15	390	401
Netherlands	924	979	(3)	432	2,420	1,002	1,992	1	2,530	2,218
Sweden	1,288	1,395	2,038	5,002	7,521	220	483	1,004	2,074	3,553
Switzerland	1,092	1,499	2,374	4,562	6,479	7	64	580	544	403
United Kingdom	9,887	9,915	4,678	10,013	15,415	404	1,410	1,011	772	1,722
Canada	1,516	2,544	6,647	8,012	8,185	7,927	7,118	13,730	10,727	7,892
Canal Zone	48	15	44	65	622	39	46	1,619	810	468
Cuba	50	330	2,405	2,102	1,878	62	4	368	1,583	177
Curaçao	253	586	282	958	2,875	9,431	8,157	2,199	1,587	5,447
Mexico	70	126	2,911	2,062	1,238	4	1	1,413	557	19
Panama, Republic of	76	41	24	214	1,410	211	155	791	1,160	512
Trinidad and Tobago	195	189	94	4	867	30	4	1	4,284	6,096
Argentina	219	501	10,403	6,885	5,296	136	237	382	1,514	794
Brazil	232	567	7,210	6,517	5,988	15	30	260	215	2
Chile	169	269	2,533	2,456	2,196	5	30	209	384	398
Ecuador	63	175	1,073	1,739	3,866	6	16	1.596	980	768
Peru	59	91	3,686	8,473	7,600	2	8	26	58	43
Uruguay	2	(3)	2,730	2,010	1,578	--------	--------	131	35	13
Venezuela	500	498	1,237	979	1,233	286	349	1,687	2,229	2,546
Other countries	6,455	7,207	4,080	6,939	7,826	1,271	1,047	3,469	1,746	3,494
Percent of total merchandise:										
United States	49.8	54.0	65.9	68.1	72.3	52.7	57.0	78.2	81.9	84.4
Belgium-Luxembourg	2.1	2.1	(4)	.6	1.7	.6	.5	(4)	.3	.7
France	3.4	3.0	(4)	.6	1.6	4.6	4.1	.1	.8	.4
Germany	17.5	12.8	(4)	(4)	(4)	14.6	9.5	--------	(4)	(4)
Italy	1.2	2.3	--------	.4	1.2	1.3	1.7	(4)	.2	.2
Sweden	1.4	1.3	1.3	2.2	2.1	.3	.6	.7	1.0	1.4
Switzerland	1.2	1.4	1.5	2.0	1.8	(4)	.1	.4	.3	.2
United Kingdom	11.1	9.5	2.9	4.4	4.2	.5	1.8	.7	.4	.7
Canada	1.7	2.4	4.2	3.5	2.2	9.8	9.1	9.8	5.3	3.1
Trinidad and Tobago	.2	.2	.1	(4)	.2	(4)	(4)	(4)	2.1	2.4
Argentina	.2	.5	6.5	3.0	1.5	.2	.3	.3	.8	.3
Peru	.1	.1	2.3	3.7	2.1	(4)	(4)	(4)	(4)	(4)
Gold and silver reported as merchandise, total:	74	13	587	1,168	(5)	--------	--------	27	28	(5)
United States	74	6	21	289	--------	--------	--------	14	28	
Canada	--------	--------	--------	28	--------	--------	--------	4	--------	--------
Cuba	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
Mexico	--------	7	390	793	--------	--------	--------	1	--------	--------
Panama	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
Peru	--------	--------	176	58	--------	--------	--------	8	--------	--------
Venezuela	--------	--------	--------	--------	--------	--------	--------			

[1] Preliminary figures; includes gold and silver reported as merchandise.
[2] Breakdown by country of purchase.
[3] Less than $500.
[4] Less than 0.05 percent.
[5] Not available.

Imports of Principal Commodities

Commodity	Quantity 1938	Quantity 1939	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1938	Value 1939	Value 1945	Value 1946
Merchandise, total (excluding gold and silver)					88,979	104,678	159,911	228,969
Cattle for consumption and breeding, number	[1] 20,592	[1] 19,287	16,666	8,118	[1] 456	[1] 448	1,347	870
Lard, 1,000 lb	1,959	15,547	8,351	2,595	192	1,316	1,350	516
Milk, condensed, prepared, do	1,245	1,881	2,233	2,504	323	485	832	1,066
Fish, canned, do	2,077	2,925	1,772	1,398	241	300	485	533
Leather and manufactures, do	375	395	463	395	963	991	1,853	1,866
Malt and hops, do	7,334	13,205	22,311	18,307	605	745	2,029	2,048
Rice, do	26,043	48,982	31	1,030	707	1,237	2	123
Wheat, not milled, 1,000 bu	583	1,258	1,460	999	867	1,271	3,081	2,533
Wheat flour, 1,000 bbl	11	19	237	25	68	91	2,172	238
Cocoa, 1,000 lb	5,610	10,061	12,354	15,613	347	573	1,648	2,448
Sugar, refined, do	5,398	12,198	37,180	16,019	105	379	2,257	1,974
Whisky, do	1,218	1,367	957	1,609	553	590	471	928
Pine resin, do	6,356	7,374	4,530	8,292	210	238	348	790
Rubber tires, do	3,666	4,607	2,299	9,343	1,228	1,562	1,853	5,616
Copra, do	12,753	17,177	937	(2)	473	527	106	(2)
Cigarettes, do	376	413	959	1,358	469	520	1,146	1,719
Cotton, raw, do	9,604	14,816	33,018	45,640	1,094	1,601	6,308	11,710
Yarn and thread:								
Silk and rayon, do	1,572	2,061	963	2,088	801	954	1,121	2,458
Wool, do	1,490	2,285	1,845	1,312	1,069	1,487	3,589	2,986
Cotton, do	2,908	3,309	902	919	1,375	1,597	1,507	1,684
Textile piece goods:								
Silk and rayon, 1,000 yd	341	469	1,612	2,272	177	191	1,007	1,950
Wool, do	1,040	1,819	302	242	1,294	1,869	358	545
Cotton, do	60,539	77,455	9,551	4,040	6,652	8,009	3,157	2,234
Hosiery, 1,000 doz. pr	400	283	71	107	909	906	329	673
Hat shapes, wool, 1,000 lb	258	295	313	286	281	295	614	666
Hats, felt, men's, thousands	217	229	150	144	559	702	622	616
Paper and manufactures					2,868	2,640	6,570	7,529
Gasoline, 1,000 bbl	63	130	224	586	208	526	748	2,065
Combustible oils, do	89	348	374	189	183	438	235	425
Lubricating oils, do	17	28	40	39	398	571	914	965
Paraffin, do	64	70	47	50	787	843	990	1,119
Building cement, do	310	227	220	397	669	505	969	1,866
Glass, flat, plain, 1,000 lb	2,909	3,976	9,235	3,754	128	159	676	367
Glass containers, do	9,921	13,750	20,567	25,657	400	511	1,297	1,490
Hygienic and sanitary apparatus made of ceramics, also containing metal, 1,000 lb	1,973	2,474	3,937	2,895	356	421	1,214	1,045
Iron and steel:								
Sheets and bars, short tons	18,144	22,884	39,230	37,419	1,084	1,259	3,132	3,321
Galvanized, do	10,057	13,627	2,547	3,484	951	1,203	297	467
Tinplate, do	2,862	6,079	2,697	2,000	345	668	356	282
Pipes and tubes, do	53,718	36,731	38,142	35,957	4,644	3,512	5,547	6,240
Wire, do	7,686	15,210	8,193	14,157	808	1,293	1,233	2,248
Tools and implements, do	2,604	2,866	2,358	3,464	1,395	1,421	2,030	3,197
Wire and cable of copper, bronze or brass, 1,000 lb	3,677	3,940	5,443	3,552	659	635	1,314	1,083
Machinery and apparatus:								
Tractors, agricultural, long tons	1,784	2,104	2,198	2,204	1,117	1,278	1,239	1,435
Textile machinery and parts, do	3,236	2,512	2,111	3,587	1,591	1,581	2,209	4,663
Sugar-processing machinery, do	682	986	550	1,280	225	312	340	812
Office machines and parts, 1,000 lb	384	456	240	511	760	878	754	1,630
Machinery and accessories for printing and graphic arts, long tons	269	392	134	262	377	439	278	532
Radio, sound telegraph, and telephone apparatus and appliances, 1,000 lb	1,071	1,030	611	1,173	1,317	1,674	1,099	2,599
Machine tools, long tons	1,297	2,561	5,093	4,040	650	1,075	2,023	3,217
Oil-well drilling machinery and parts, long tons	372	2,245	2,080	2,678	366	850	2,342	2,922
Internal combustion engines and parts, long tons	991	751	966	2,184	880	853	1,801	3,642
Generators, transformers, and electric motors, long tons	787	879	843	1,623	804	794	1,027	2,273
Other machinery and apparatus					8,240	8,611	12,396	18,045

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Passenger cars and busses.....number....	2,419	4,119	163	3,532	2,100	3,865	201	4,449
Trucks....do....	897	1,495	881	3,558	980	1,673	1,543	6,134
Automobile chassis....do....	1,353	2,198	995	2,311	1,102	1,787	1,377	3,348
Automobile parts and accessories long tons..	1,157	1,482	1,344	2,516	586	665	1,120	2,149
Chemicals and related products:								
Pharmaceuticals....1,000 lb..	2,017	2,394	4,502	5,580	3,522	4,052	9,301	10,520
Soap and toiletries....do....	617	818	1,010	1,387	354	407	998	1,360
Aniline dyes....do....	625	804	492	778	542	645	772	1,109
Paints, and varnishes....do....	7,458	4,872	4,934	6,938	573	579	1,105	1,636
Other chemicals and related products	-------	-------	-------	-------	3,719	4,521	10,024	10,786
Scientific, precision, and musical instruments....	-------	-------	-------	-------	1,546	1,758	2,778	5,200
Arms, ammunition, and explosives....	-------	-------	-------	-------	738	1,503	746	794
Other merchandise....	-------	-------	-------	-------	18,989	19,389	37,324	57,191
Gold and silver reported as merchandise..	-------	-------	-------	-------	74	13	587	1,168
Gold coin....	-------	-------	-------	-------	-------	-------	7	(3)
Silver and alloys, in ingots, smelted bars, and dust....1,000 troy oz..	34	29	993	1,392	15	13	580	1,168
Coin, other than gold and silver....	-------	-------	-------	-------	59	-------	-------	-------

[1] May include cattle for bullfights.
[2] Not reported in source.
[3] Less than $500.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Merchandise, total (excluding gold and silver)....	-------	-------	-------	-------	**80,774**	**77,884**	**140,489**	**200,870**
Cattle....number..	2,337	1,041	19,149	21,579	87	32	1,469	1,708
Cattle hides....1,000 lb..	15,442	13,354	5,196	7,989	2,168	2,081	1,325	2,403
Goatskins and sheepskins....do....	413	902	311	481	76	141	98	188
Alligator skins....do....	211	184	271	688	62	63	312	335
Puncho skins....do....	217	247	276	309	36	60	146	239
Bananas....do....	430,385	405,846	65,792	90,979	4,968	4,953	1,112	2,235
Coffee, green....do....	559,369	489,707	681,206	748,896	49,643	49,722	103,951	154,072
Balata....do....	136	200	110	104	27	50	44	59
Rubber, crude....do....	434	172	2,751	1,250	54	20	1,097	333
Tobacco, leaf....do....	10,805	8,833	728	6,854	574	493	136	1,459
Divi-divi....do....	6,008	6,889	7,057	10,265	74	70	165	218
Cotton fabric, dyed....yards..	(1)	1	10,058	12,167	(1)	(2)	2,466	3,245
Straw hats....thousands..	73	66	259	299	27	21	244	340
Wood....long tons..	1,195	3,972	1,738	3,355	35	69	94	123
Petroleum, crude....1,000 bbl..	18,453	19,422	19,487	17,809	20,806	18,207	22,234	23,839
Platinum, crude....1,000 troy oz..	29	24	31	44	923	643	993	2,117
Balsam, medicinal....1,000 lb..	101	156	159	170	34	52	165	366
Pharmaceuticals....do....	89	95	262	240	64	72	161	164
Other merchandise....	-------	-------	-------	-------	797	795	4,202	7,185
Reexports....	-------	-------	-------	-------	319	340	75	242
Gold and silver (reported as merchandise)	-------	-------	-------	-------	-------	-------	27	28
Gold ore....1,000 troy oz..	-------	-------	1,818	1,905	-------	-------	13	28
Silver and alloys:								
Ingots, smelted bars, and dust 1,000 troy oz..	-------	-------	1	-------	-------	-------	1	-------
Sheets, wire, and bars....do....	-------	-------	17	-------	-------	-------	13	-------
Gold bars (not reported as merchandise) 1,000 troy oz..	301	663	-------	-------	10,502	23,160	-------	-------

[1] Not reported in source.
[2] Less than $500.

Trade With United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Imports from the United States, total (excluding gold and silver)					**44,351**	**56,564**	**105,458**	**155,925**
Lard 1,000 lb	1,955	15,475	3,962	2,138	191	1,308	668	402
Milk, condensed, prepared do	845	1,228	2,198	2,454	239	365	823	1,049
Leather and manufactures do	201	247	216	238	446	580	997	1,189
Malt and hops do	44	2,703	11,045	11,629	10	142	1,173	1,458
Oats, milled do	1,573	1,661	2,246	1,481	127	147	276	199
Wheat, not milled 1,000 bu	399	334	235	34	577	308	477	105
Wheat flour 1,000 bbl	8	16	203	18	51	78	1,856	188
Sugar, refined 1,000 lb	5,102	1,361	20	26	98	36	1	2
Pine resin do	6,346	6,807	3,774	5,357	209	222	280	500
Rubber tires and tubes do	2,168	2,489	234	8,523	725	842	147	5,041
Cigarettes do	374	410	959	1,354	466	518	1,145	1,715
Cotton, raw do	9,578	14,058	9	441	1,092	1,524	2	123
Yarn and thread:								
Silk and rayon do	86	106	866	1,202	106	232	953	1,201
Cotton do	1,608	1,442	247	236	482	469	293	305
Textile piece goods:								
Silk and rayon 1,000 yd	171	215	1,479	1,863	73	85	912	1,553
Wool do	5	41	190	212	8	37	186	489
Cotton do	16,450	23,741	2,842	2,411	1,332	2,379	766	1,419
Hosiery 1,000 doz pr	133	151	64	102	507	627	287	644
Hats, felt thousands	26	26	73	69	113	103	305	297
Paper and manufactures	-------	-------	-------	-------	774	675	3,697	3,509
Gasoline 1,000 bbl	16	11	24	11	131	100	87	66
Combustible oils do	21	188	8	9	54	258	36	41
Lubricating oils do	15	26	36	38	356	553	860	943
Paraffin 1,000 lb	6,587	7,535	47	50	282	331	987	1,119
Building cement 1,000 bbl	20	23	217	297	87	90	952	1,451
Glass, flat, plain 1,000 lb	146	145	5,090	1,620	20	23	434	182
Glass containers do	6,684	11,024	20,163	25,406	233	371	1,187	1,380
Hygienic and sanitary apparatus made of ceramics, also containing metal 1,000 lb	916	1,562	3,148	2,209	166	267	748	661
Iron and steel:								
Sheets and bars short tons	6,640	15,114	38,715	33,768	414	842	3,042	2,877
Galvanized do	8,034	12,239	2,547	3,234	762	1,082	297	495
Tinplate do	2,685	5,926	2,697	2,000	318	646	356	282
Pipes and tubes do	39,493	24,462	36,525	28,356	3,465	2,413	5,215	5,056
Wire do	3,628	7,055	7,625	11,782	377	595	1,115	1,791
Tools and implements do	1,142	1,394	2,219	2,685	681	764	1,929	2,650
Wire and cable of copper, bronze, or brass 1,000 lb	2,028	2,312	4,709	2,723	335	385	1,162	808
Machinery and apparatus:								
Tractors, agricultural long tons	1,764	2,103	2,196	2,204	1,107	1,277	1,236	1,455
Textile machinery and parts do	1,218	1,193	1,877	3,018	796	825	1,813	3,859
Sugar-processing machinery do	374	684	508	1,016	134	209	310	642
Office machines and parts 1,000 lb	262	343	201	432	553	690	603	1,149
Machinery and accessories for printing and graphic arts long tons	87	158	127	247	208	238	266	512
Radio, sound, telegraph, and telephone apparatus and appliances 1,000 lb	701	635	388	758	835	910	923	1,698
Machine tools long tons	490	848	5,006	3,644	339	442	1,937	2,868
Oil-well drilling machinery and parts long tons	319	2,072	2,061	2,518	336	790	2,320	2,807
Internal combustion engines and parts long tons	510	411	909	1,637	528	544	1,679	2,879
Generators, transformers, and electric motors long tons	408	492	794	1,456	479	481	958	2,024
Other machinery and apparatus	-------	-------	-------	-------	6,071	6,651	11,276	15,565
Passenger cars and busses number	2,168	3,956	159	3,398	1,944	3,757	195	4,305
Trucks do	767	1,423	856	3,049	867	1,577	1,506	5,138
Automobile chassis do	1,347	2,158	986	2,285	1,091	1,753	1,361	3,517
Automobile parts and accessories long tons	941	1,251	1,287	2,349	501	580	1,083	2,042
Chemicals and related products:								
Pharmaceuticals 1,000 lb	1,369	1,964	3,790	4,537	1,061	1,514	7,236	7,892
Soap and toiletries do	516	652	999	1,356	263	332	794	1,249
Aniline dyes do	110	209	443	697	30	81	556	819
Paints and varnishes do	6,789	4,282	4,669	6,418	475	491	1,056	1,527
Other chemicals and related products	-------	-------	-------	-------	1,472	2,350	6,403	7,428
Scientific, precision, and musical instruments	-------	-------	-------	-------	725	902	1,686	3,324
Dynamite 1,000 lb	787	1,003	2,022	1,578	161	203	427	321
Other merchandise	-------	-------	-------	-------	9,068	10,570	26,183	41,682

See footnotes at end of table.

Trade With United States by Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Gold and silver (reported as merchandise)					74	6	21	289
Gold coin							8	(1)
Silver and alloys, in ingots, smelted bars, and dust ... 1,000 troy oz	34	13	16	361	15	6	13	289
Coin, other than gold and silver					59			
Exports to the United States, total (excluding gold and silver)					**42, 594**	**44, 410**	**109, 874**	**164, 429**
Cattle hides ... 1,000 lb	249	538		4, 200	32	60		1, 398
Goatskins and sheepskins ... do	242	455	286	481	43	77	90	188
Alligator skins ... do	42	19	11	9	9	6	18	15
Poncho skins ... do	85	29	276	139	12	6	146	94
Bananas ... do	229, 730	133, 699	65, 783	83, 217	2, 450	1, 341	1, 112	1, 920
Coffee, green ... do	445, 634	406, 212	618, 104	695, 344	39, 119	41, 171	94, 397	142, 988
Balata ... do	59	77	110	99	12	19	44	56
Rubber, crude ... do	135	56	2, 751	1, 250	18	5	1, 097	333
Divi-divi ... do			6, 206	10, 232			139	217
Straw hats ... thousands	48	37	132	176	18	12	121	195
Wood ... long tons	15	3	674	851	(1)	(1)	46	53
Petroleum, crude ... 1,000 bbl		1, 168	8, 669	9, 296		1, 029	9, 883	11, 810
Platinum, crude ... 1,000 troy oz	15	10	31	39	498	232	993	1, 961
Balsam, medicinal ... 1,000 lb	60	87	139	143	20	28	142	317
Other merchandise					111	175	1, 583	2, 728
Reexports					252	249	63	156
Gold ore (reported as merchandise) 1,000 troy oz			1, 818	1, 905			14	28
Gold bars (not reported as merchandise) 1,000 troy oz	301	663			10, 502	23, 160		

[1] Less than $500.

FINANCE

Government Receipts and Expenditures (Thousands of Pesos)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947[1]
Receipts	104, 820	124, 118	113, 932	153, 809	179, 860	170, 390	196, 830	277, 343	350, 595
Expenditures	100, 635	109, 387	112, 516	156, 592	180, 438	178, 842	199, 250	281, 920	371, 689

[1] Estimated.

Public Debt (Thousands of Pesos)

Item	1939	1940	1941	1942	1943	1944	1945	1946
Internal	78, 456	95, 973	119, 552	123, 709	176, 290	204, 905	242, 931	283, 703
External	98, 073	88, 510	87, 302	97, 298	100, 008	98, 050	145, 940	144, 299
Total	176, 529	184, 483	206, 854	221, 007	276, 298	302, 954	388, 872	428, 002

Reserve Position, Note Circulation, and Deposits of the Banco de la Republica (Thousands of Pesos)
[End of years specified]

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Reserves:									
Gold at home and abroad	36, 758	30, 616	28, 256	43, 756	103, 608	161, 787	221, 561	254, 428	167, 880
Foreign exchange	5, 571	12, 046	10, 476	63, 340	94, 094	114, 216	87, 390	53, 563	48, 097
Total legal reserve	42, 329	42, 662	38, 732	107, 096	197, 702	276, 003	308, 951	307, 991	215, 977
Other reserves	3, 700	8, 795	5, 135	6, 678	4, 441	2, 427	4, 827	5, 829	7, 124
Grand total reserves	46, 029	51, 457	43, 867	113, 774	202, 143	278, 430	313, 778	313, 820	223, 101
Notes in circulation	60, 411	62, 327	74, 441	103, 600	125, 434	179, 287	204, 938	260, 069	297, 924
Deposits	46, 231	51, 507	52, 144	69, 315	114, 894	134, 598	174, 436	154, 612	140, 815

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Currency and exchange.—The unit of currency is the Colombian peso. Par value in pesos per dollar announced by the International Monetary Fund, December 18, 1946: $0.571433 (1.74999 pesos to the dollar); new parity announced by the IMF December 17, 1948: $0.512825 (1.94998 pesos to the dollar).

Annual Average Exchange Rates of the Colombian Peso
[Number of pesos to the dollar]

Year	Controlled	Bank of Republic	Commercial banks	Stabilization Fund	Curb
1939	1.75	1.755	----	(1)	1.78
1940	1.75	1.755	----	(1)	1.93
1941	1.7545	1.755	----	(1)	1.86
1942	1.75	1.76	----	(1)	1.77
1943	1.75	1.76	----	(1)	1.76
1944	----	1.76	1.75	----	1.75
1945	----	1.76	1.75	----	1.83
1946	----	1.76	1.75	----	1.835
1947	----	1.76	1.75	----	2.17

[1] Depending on class: Class II, 1.795; class III, 1.87; class IV, 1.95.

PRINCIPAL SOURCES

Anuario General de Estadística.
Revista del Banco de la República (monthly).
Anales de Economía y Estadística (bi-monthly).
"Memorias" and Yearbooks of the various Colombian Ministries.
Anuario de Comercio Exterior (annual).

COSTA RICA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 23,000 square miles. Population, 1947 estimate, 803,084; 1927 census, 471,524; 1936 estimate, 591,862. Approximately 80 percent of total population are of European descent.

Capital cities of Provinces, 1944 estimate: San José, 77,182; Cartago, 12,933; Heredia, 10,578; Alajuela, 10,170; Limón, 10,033; Puntarenas, 8,547; Liberia, 3,829. Urban population, 19 percent of total.

Education.—1945: Elementary enrollment, 85,674; secondary, 8,968; university, (average) 1,000.

AGRICULTURE

Coffee chief export crop; cultivated on 118,434 acres (25,457 farms, belonging to 21,617 owners). Production of coffee, bananas, cacao, and abaca is best gaged by exports, shown in foreign-trade table. Additional crops for local consumption, production in 1947 (thousands of pounds): Sugar, 31,768; beans, 66,138; rice, 26,449; corn, 2,205. Logs largely for plywood (1947), 6,869 short tons.

Livestock: Cattle, 1947 estimate, 505,550; swine, slaughtered in 1946, 52,435.

MINING AND MANUFACTURING

Mineral production in 1947: Gold unrefined, 3,119 troy ounces; lime, estimate, 44 thousand pounds; salt, 13,739 thousand pounds.

Manufacturing: Consists of the processing of agricultural products and the production of consumer goods for local market. Cigarette production, 1946, 664,566,000.

TRANSPORTATION AND COMMUNICATION

Highways.—1,800 miles, of which 921 hard-surfaced. 2,494 automobiles registered in 1946.

Railways.—Four short roads, 301 miles main line, 300 miles branch lines and sidings. Total service, 1945: 469,680 short tons of freight, 3,000,000 stems bananas, 729,786 passengers transported.

Air service.—Three local and 2 international lines.

Shipping.—International service 1947, 844 vessels cleared 4 ports. Largest coastwise company carried, in 1945, approximately 100,000 passengers and 8,819 short tons of cargo.

Telecommunication.—Telegraphs, government-owned. Telephones: 1 government and 3 private lines; 8,375 instruments in use, January 1, 1948. Radio, 1946: 22 long-wave stations, 4 medium- and short-wave; 20,000 sets in use.

FOREIGN TRADE

Per capita trade.—1947: Imports, $59.85; exports, $28.65.

Basis of trade statistics.—The foreign trade statistics of Costa Rica are reported as general imports and domestic exports. Imports are valued c. i. f. principally; otherwise, f. o. b. is used. Exports are valued f. o. b.

The monetary unit employed in recording statistics is the United States dollar.

Value of Imports and Exports (Thousands of Dollars)

Year	General imports[1]	Domestic exports[1]	Year	General imports[1]	Domestic exports[1]
1934	8,720	8,696	1941	17,798	10,230
1935	7,162	7,712	1942	12,287	10,577
1936	8,397	8,309	1943	20,387	12,432
1937	11,879	11,512	1944	21,539	10,528
1938	12,621	10,146	1945	26,949	11,612
1939	16,885	9,086	1946	33,041	14,337
1940	16,840	7,484	1947	48,079	[2] 23,023

[1] Including gold, silver, and specie.
[2] Including reexports amounting to $582,000.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports 1937	General imports 1938	General imports 1945	General imports 1946	Domestic exports 1937	Domestic exports 1938	Domestic exports 1945	Domestic exports 1946
Total trade, including gold, silver, and specie	**11,879**	**12,621**	**26,949**	**33,041**	**11,512**	**10,146**	**11,612**	**14,337**
United States	5,048	6,195	18,740	25,313	5,188	4,628	9,806	10,521
Germany	2,748	2,496	(1)	(1)	2,241	1,945	(1)	(1)
Japan	977	782	(1)	(1)	72	119	(1)	(1)
England	859	831	570	740	2,306	2,477	12	88
Italy	301	286	(1)	(1)	228	20	(1)	(1)
Canal Zone	-------	14	(1)	(1)	169	135	-------	192
Belgium	181	218	(1)	(1)	92	15	(1)	(1)
France	159	165	7	90	299	113	(1)	(1)
Netherlands	185	173	(1)	(1)	328	208	-------	184
Canada	45	54	284	518	76	47	-------	179
Colombia	7	37	(1)	(1)	145	110	-------	432
Other countries	1,369	1,370	7,348	6,380	368	329	1,794	2,741
Percent of total:								
United States	42.5	49.1	69.5	76.6	45.1	45.6	84.4	73.4
Germany	23.1	19.8	(1)	(1)	19.5	19.2	(1)	(1)
Japan	8.2	6.2	(1)	(1)	.6	1.2	(1)	(1)
England	7.2	6.6	2.1	2.2	20.0	24.4	.1	.6
Italy	2.5	2.3	(1)	(1)	2.0	.2	(1)	(1)
France	1.3	1.3	(2)	.3	2.6	1.1	(1)	(1)
Canada	.4	.4	1.1	1.6	.7	.5	-------	1.2
Colombia	(2)	.3	(1)	(1)	1.3	1.1	-------	3.0

[1] Data not available.
[2] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Total imports, including gold, silver, and specie					**11,879**	**12,621**	**26,949**	**33,041**
Cattle........thousands	15	3	16	9	188	60	778	522
Wheat flour........1,000 bbl	93	104	198	110	655	604	1,677	1,030
Lard........1,000 lb	1,887	2,446	2,936	256	197	228	488	70
Sugar........do	252	124	15,924	7,580	7	3	974	746
Other foodstuffs and beverages........do	11,972	11,119	43,446	50,248	1,758	867	3,575	3,192
Gasoline........1,000 bbl	61	68	148	142	353	412	595	532
Paraffin........1,000 lb	2,791	2,670	598	1,308	125	117	47	97
Crude petroleum........1,000 bbl	187	206	196	212	182	180	199	242
Diesel oil........do	20	11	136	125	41	114	499	498
Coconut oil........1,000 lb	1,396	1,449	-------	-------	93	71	-------	-------
Lumber........do	1,933	7,653	6,841	5,307	30	126	197	156
Cement........1,000 bbl	121	110	162	82	186	187	576	333
Fertilizers........1,000 lb	6,404	7,211	5,552	11,171	127	134	193	244
Iron and steel........long tons	2,323	21,193	[1] 5,869	[1] 11,893	136	774	[1] 628	[1] 1,460
Galvanized iron and tubing........1,000 lb	1,193	2,310	(2)	(2)	35	94	(2)	(2)
Fence wire........do	1,629	1,923	63	951	55	74	11	47
Machinery, including agricultural and office machines	-------	-------	-------	-------	804	530	1,321	1,451
Tools, including mechanical	-------	-------	-------	-------	178	175	251	302
Electrical apparatus and material........1,000 lb	1,108	1,314	-------	1,387	299	294	544	537
Radio apparatus and accessories........do	110	139	-------	144	97	120	97	243
Automobiles and accessories........do	840	1,037	-------	-------	208	266	47	366
Trucks and accessories........do	709	1,172	-------	-------	137	189	320	592
Tractors and accessories........do	62	340	-------	-------	11	63	241	329
Airplanes and accessories........do	48	84	-------	-------	28	87	173	880
Railway cars, streetcars and accessories........1,000 lb	1,559	3,169	-------	-------	94	163	165	354
Locomotives and other railway material........1,000 lb	11,011	23,274	10,761	-------	234	374	350	1,269
Cigarettes........do	162	128	143	181	88	110	121	152
Leather........do	163	216	421	288	192	266	585	447
Chemical products........do	337	466	17,772	22,432	217	201	2,830	3,385
Cotton fabric........do	2,420	2,679	2,057	2,434	962	1,034	1,516	2,971
Cotton thread........do	68	108	[3] 129	34	54	73	[3] 170	63
Cotton yarn........do	390	165	(4)	45	98	38	(4)	31
Silk fabric........do	251	198	196	216	184	146	410	569
Wool suitings (cassimere)........do	130	118	53	109	192	177	174	382
Hosiery, cotton, silk, rayon and wool........1,000 lb	90	115	69	88	128	200	275	434
Burlap coffee bags........do	2,328	1,713	658	539	171	140	93	88
Paper........do	4,719	5,040	5,537	8,285	252	311	552	774
All other merchandise	-------	-------	-------	-------	3,083	3,619	6,277	8,250

[1] Includes "Galvanized iron tubing."
[2] Included in "Iron and steel."
[3] Includes cotton yarn.
[4] Included in "Cotton thread."

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Total domestic exports, including gold, silver, and specie					**11,512**	**10,146**	**11,612**	**14,337**
Bananas........1,000 bunches	5,510	5,033	2,838	5,692	3,050	2,807	2,233	4,388
Coffee........1,000 lb	58,466	55,073	48,155	34,680	6,106	4,938	7,489	6,529
Cocoa beans........do	16,105	12,198	2,881	8,740	1,342	830	261	793
Hides and skins........do	295	189	-------	(1)	17	3	-------	40
Tuna fish........do	278	7,416	1,933	3,553	19	454	298	514
Abaca fiber........do	-------	-------	5,304	1,113	-------	-------	274	57
Wood........long tons	982	1,814	2,646	10,084	23	36	210	498
Other merchandise	-------	-------	-------	-------	280	269	760	1,480
Gold bars	-------	-------	-------	-------	461	554	87	38
Gold coin	-------	-------	-------	-------	213	255	(1)	(1)
Silver coin	-------	-------	-------	-------	1	-------	(1)	(1)

[1] Data not available.

FINANCE

Government Receipts and Expenditures (Thousands of Colones)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Receipts	42,717	41,703	42,603	36,918	50,350	52,827	60,549	62,923	88,048
Expenditures	37,813	43,992	48,409	57,089	71,542	67,018	74,438	78,726	96,658

Public Debt as of December 31 (Thousands of Colones)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Internal debt	32,919	35,375	44,020	49,370	64,979	77,340	95,393	110,280	[1] 109,080
External debt[2]	100,169	99,967	105,175	127,516	141,817	145,827	150,308	146,126	145,795
Total	133,088	135,342	149,195	176,886	206,796	223,167	245,701	256,406	254,875

[1] September 30, 1947.
[2] The greatest part of the foreign debt has been in default since the 1930's.

Position of the Banco Nacional de Costa Rica [1]

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Gold holdings .... 1,000 colones	2,698	4,552	4,440	4,552	33,045	56,087	33,832	11,316	11,477
Foreign exchange holdings ..... do	9,048	1,012	9,104	34,570	50,570	17,815	9,160	3,699	13,570
Currency in circulation..mil. colones	29.8	29.7	33.7	45.4	70.7	83.9	81.9	75.9	79.6

[1] Data derived only in part from reports of the Bank; other sources include the International Monetary Fund and foreign service reports.

Currency and exchange.—The unit of currency is the colón (plural, colones); par value announced by the International Monetary Fund on December 18, 1946, $0.178094 (5.615 colones to the dollar).

Average Annual Exchange Rates (Colones to the Dollar)

Rate	1939	1940	1941	1942	1943	1944	1945	1946	1947
Uncontrolled	5.67	5.70	5.85	5.71	5.65	5.66	5.68	5.84	6.26
Controlled	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.67

PRINCIPAL SOURCES

Memoria de la Secretaria de Hacienda y Comercio, Costa Rica.
Dirección General de Estadística, Informe, Costa Rica, 1944.
Estadísticas de Comercio Exterior, Costa Rica, 1947.
Dirección General de Estadística, Importación y Exportación, 1936–38.

CUBA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 44,164 square miles. Population, December 31, 1947, estimate, 5,129,666; 1943 census, 4,778,583. Cities, 1946 estimates (1943 census in parentheses): Habana (including Marianao), 887,166 (812,191); Holguín, 184,318 (171,997); Camagüey, 164,333 (155,827); Santiago de Cuba, 125,087 (120,577); Santa Clara, 127,235 (122,241); Morón, 87,753 (85,910); Matanzas, 77,912 (73,749).

Education.—Number of public schools, 1941–42, 6,027; enrollment, approximate, 579,357. Illiteracy, 1943 census, 22 percent, based on population over 10 years of age.

AGRICULTURE

Agriculture is the most important economic activity. Principal products: Sugar, tobacco, fruits (bananas, plantains, pineapples) and vegetables (beans and peas, potatoes, sweet potatoes and yams, yucca, tomatoes), corn, coffee, henequen, cacao.

Sugar Statistics

Year	Mills grinding (number)	Cane ground (1,000 long tons[1])	Sugar production (1,000 long tons[1])	Average price per lb. (cents)[2]	Value of sugar production[3] (1,000 dollars)
1937	157	30, 250	2, 975	1. 759	117, 203
1938	158	25, 697	2, 976	1. 4515	96, 704
1939	157	24, 909	2, 724	1. 508	92, 019
1940	157	27, 496	2, 779	1. 3603	84, 690
1941	158	28, 797	2, 407	1. 694	91, 338
1942	158	32, 169	3, 345	2. 527	189, 397
1943	157	21, 825	2, 843	2. 441	155, 451
1944	158	39, 909	4, 174	2. 466	230, 616
1945	160	26, 621	3, 455	2. 948	251, 504
1946	161	32, 466	3, 941	3. 551	341, 516
1947	161	46, 306	5, 677	4. 803	657, 722
1948	161	47, 789	5, 877	4. 2329	----------

[1] Spanish long tons of 2,272 pounds.
[2] Average price, per Spanish pound of raw centrifugal sugar, 96° polarization, Port of Habana. (One Spanish pound equals 1.0143 U. S. pounds.)
[3] Estimated.

Tobacco production (1,000 pounds): 1937–41 average, 50,920; 1942–46 average, 61,590. Annual, 1946 to 1948, consecutively, 84,683, 78,210, and 60,200 (estimated).

Livestock (thousands), 1946 census (1945 in parentheses): Cattle, 4,136 (3,884); hogs, 1,620 (765); sheep, 154,(114); goats, 141 (85); horses, mules, and asses, 446 (311).

MINING

Prior to World War II, mining activities were on a small scale. With the inception of war, mining operations were accelerated, but mining remains relatively unimportant in the Cuban economy.

Production of principal minerals, 1947 (1946 data in parentheses), long tons: Chromite, including refractory and metallurgical, 156,694 (171,594); manganese ore, including metallurgical and chemical, 47,910 (44,021); copper concentrates, 40,792 (34,165); iron ore, 62,276.

MANUFACTURING

The most important manufacturing industries are the processing of sugarcane and the manufacture of tobacco products. Associated with the sugar industry is the manufacture of rum and industrial alcohol from molasses. Other industries of relative importance include tanning, and the manufacture of boots and shoes, textiles, spirituous liquors, soft drinks and beer, soap and toiletries, cement, and metal containers. In general, commodities manufactured locally are chiefly light consumer goods for domestic consumption. There are no heavy industries.

Estimated Output of Leading Cuban Industries

Commodity		1946	1947
Sugar	short tons	4,480,000	6,450,000
Molasses, blackstrap	gallons	233,650,000	300,000,000
Alcohol	liters	192,376,796	143,195,615
Leaf tobacco	1,000 lb	84,683	78,200
Cigars	thousands	513,000	580,000
Cigarettes	millions	7,059	7,341
Matches	boxes of 50	209,814,000	(1)
Coffee	bags[2]	381,924	589,274
Cement	barrels	1,414,000	1,625,700
Cotton textiles	sq. yards	48,000,000	50,000,000
Soft drinks	cases	17,000,000	18,000,000
Beer	liters	81,365,182	84,383,614
Boots and shoes	pairs	9,500,000	(1)
Tires	number	53,396	65,881
Inner tubes	do	45,092	41,503
Paper (wrapping)	short tons	23,500	25,000
Candy, hard[3]	metric tons	34,500	(1)
Condensed and evaporated milk	cases	684,000	713,000
Powdered milk	pounds	107,000	118,000
Canned fruit and vegetables	short tons	49,473	30,000
Peanut oil	pounds	12,000,000	11,000,000
Salt	metric tons	58,957	(1)
Light-gravity oil	barrels[4]	200,289	248,500
Naphtha	do[4]	68,200	51,000

[1] Not available.
[2] Bags of 132.276 pounds.
[3] Export only.
[4] Barrels of 42 gallons.

TRANSPORTATION AND COMMUNICATION

Railways.—Privately owned. Twenty public service railroad companies operate first-line railway trackage (1945) totaling approximately 3,014 miles, of which 2,491 are main line and 523 branch line. Nine principal railways constitute 94.5 percent of total public service trackage. In addition, sugar mills operate 7,036 miles, of which 6,765 for industrial purposes exclusively, and 270 (included in public carrier mileage) for public carriers. Public service railways operate total of 16,892 cars and 611 locomotives of all classes and types. Sugar-mill lines operate 32,595 cars and 791 locomotives.

Operations of Nine Principal Railways (Years Ended June 30)

Item		1945[1]	1946[1]
Freight carried	metric tons	19,304,400	20,094,004
Freight-train miles	number	3,918,194	3,967,539
Passengers carried	do	15,727,718	16,824,285
Passenger-train miles	do	7,631,237	7,899,408
Total revenues	dollars	36,195,259	40,275,202

[1] During each of these years, the nine railroads handled between 90 and 95 percent of passenger traffic carried and from 90 to 95 percent of total freight moved on all public service lines.

Air Transportation Statistics

Operation		1938	1939	1942	1943
Airplane flights, total	number	2,191	2,542	3,008	(1)
Incoming	do	1,058	1,268	1,520	(1)
Outgoing	do	1,133	1,274	1,488	(1)
Passengers carried, total	do	32,944	43,082	46,325	(1)
Incoming	do	16,082	21,629	23,043	(1)
Outgoing	do	16,862	21,453	23,282	(1)
Freight, total	pounds	149,992	181,638	986,347	1,291,077
Mail, total	do	88,019	105,913	226,320	185,676
Incoming	do	46,064	53,514	171,390	114,719
Outgoing	do	41,955	52,399	54,930	70,957
Express, total	do	61,973	75,725	760,027	1,105,401
Incoming	do	50,497	62,322	574,345	659,367
Outgoing	do	11,476	13,403	185,682	446,034

[1] Not available.

Highways.—Road mileage, January 1, 1947, 2,427, of which approximately 1,500 suitable only for animal-drawn vehicles. Central Highway from Pinar del Rio to Santiago de Cuba, 713 miles, is largest single stretch of hard-surfaced highway, with tributary highways and roads connecting it with most of principal cities of island.

Shipping.—Number of serviceable ports for seagoing vessels, 23. Traffic (approximate) in Cuban ports 1947: Number of vessels entered, 5,634; cargo, 3,897,000 metric tons.

Entrances of Vessels in Foreign Trade

Item	1939	1940	1941
Number of vessels, total	3,377	3,204	3,601
With cargo	1,892	1,675	1,613
In ballast	1,295	1,339	1,826
In transit	190	190	162
Capacity ... 1,000 net registered tons	9,011	7,668	7,013
Cargo ... 1,000 metric tons	2,019	1,947	2,020

Postal, Telephone, and Telegraph Statistics

NOTE.—Posts and telegraphs Government owned; telephones privately owned.

Service	1941	1942
Postal:		
Offices ... number	390	391
Mail handled[1] ... 1,000 pieces	82,360	86,703
Gross receipts ... 1,000 pesos[2]	1,802	1,739
Telephone:		
Instruments ... number	61,816	66,095
Wire length ... miles	289,981	293,353
Gross receipts ... 1,000 pesos[2]	4,423	5,197
Telegraph:		
Offices ... number	357	357
Wire length ... miles	8,920	8,805
Messages sent (commercial) ... number	(3)	(3)
Gross receipts ... 1,000 pesos[2]	462	482

[1] Figures include only first-class mail and international air mail.
[2] Cuban peso and United States dollar at par.
[3] Not available.

FOREIGN TRADE

Per capita trade.—1947: Imports, $101.35; exports, $145.55.

Basis of trade statistics.—The statistics represent general imports and exports including reexports. Declarations made by importers and exporters constitute the source of foreign trade statistics. All imports are recorded by country of purchase and all exports by country of final destination as far as known. Classification and weight are reported according to the tariff schedule.

The values shown for imported and exported merchandise are those declared by merchants and verified by the customs. Imports are valued f. o. b. port of embarkation in country of origin. Export values are f. o. b. Cuban port

The monetary unit employed in recording the value of imports and exports is the Cuban peso, equivalent to the United States dollar.

Value of Imports and Exports (Thousands of Dollars)

Year	Merchandise		Gold and silver		Year	Merchandise		Gold and silver	
	Imports	Exports	Imports	Exports		Imports	Exports	Imports	Exports
1934	73,418	107,495	----------	251	1941	133,888	211,486	2	22
1935	95,464	127,969	(1)	53	1942	146,677	182,368	61	7
1936	103,214	154,840	1	7	1943	177,367	351,538	69	----------
1937	129,569	186,031	3	40	1944	208,298	433,095	350	(1)
1938	106,005	142,542	2	136	1945	238,303	409,925	633	(1)
1939	105,857	147,540	5	136	1946	[2] 307,247	[2] 475,864	(3)	(3)
1940	103,858	127,244	2	44	1947	[2] 519,890	[2] 746,592	(3)	(3)

[1] Less than $500.
[2] Preliminary figures, including gold and silver.
[3] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports 1938	Imports 1939	Imports 1944	Imports 1945	Imports 1946[1]	Imports 1947[1]	Exports 1938	Exports 1939	Exports 1944	Exports 1945	Exports 1946[1]	Exports 1947[1]
Merchandise, total (excluding gold and silver)	**106,005**	**105,857**	**208,298**	**238,303**	**307,247**	**519,890**	**142,542**	**147,540**	**433,095**	**409,925**	**475,864**	**746,592**
United States	75,151	78,377	168,501	187,391	235,818	439,448	108,227	111,046	386,011	323,330	320,684	497,706
Belgium	1,322	1,094	(2)	(2)	(3)	(3)	2,054	1,398	(2)	734	(3)	(3)
France	2,778	2,273	(2)	------	(3)	(3)	2,053	1,752	------	4,207	(3)	(3)
Germany	4,680	3,390	------	3	(3)	(3)	2,755	1,471	------	------	(3)	(3)
Netherlands	600	615	------	(2)	(3)	(3)	589	1,392	------	374	(3)	(3)
Norway	489	449	------	18	(3)	(3)	309	1,965	------	14	(3)	(3)
Portugal	148	438	876	1,189	(3)	(3)	17	34	263	526	(3)	(3)
Spain	1,586	1,340	1,356	3,480	5,174	7,450	1,292	2,205	2,854	4,957	8,442	6,670
Sweden	959	975	------	2,400	(3)	(3)	189	304	118	225	(3)	(3)
Switzerland	544	509	1,245	2,500	2,394	3,350	360	1,436	3,085	1,903	3,084	5,863
United Kingdom	4,490	3,065	2,518	2,778	4,272	6,915	19,602	17,983	23,242	34,629	64,003	133,208
U.S.S.R.	1	1	(2)	1	(3)	(3)	------	------	5,294	4,259	(3)	(3)
India	2,034	2,063	5,631	5,494	3,744	12,349	1	1	15	6	10	5,142
Siam	2,947	2,141	------	------	(3)	(3)	------	(2)	------	------	(3)	(3)
Canada	815	980	2,672	3,088	3,350	4,462	335	634	1,959	6,556	9,349	22,921
Curaçao	969	2,238	2,619	3,267	(3)	(3)	------	------	372	243	(3)	(3)
Mexico	722	770	4,631	8,205	7,016	6,906	32	25	1,819	4,579	10,865	300
Argentina	213	224	6,394	4,735	5,081	2,517	708	468	856	3,139	761	672
Chile	991	588	4,152	5,278	6,524	5,154	670	520	417	1,403	4,331	794
Ecuador	88	72	5,648	4,468	5,132	912	287	211	15	1,649	55	8
Other countries	4,478	4,255	2,055	4,008	28,742	30,427	3,062	4,695	6,775	17,192	54,280	73,308
Percent of total:												
United States	70.9	74.0	80.9	78.6	76.8	84.5	75.9	75.3	89.1	78.9	67.4	66.7
Spain	1.5	1.3	.7	1.5	1.7	1.4	.9	1.5	.7	1.2	1.8	.9
Switzerland	.5	.5	.6	1.0	.8	.6	.3	1.0	.7	.5	.6	.8
United Kingdom	4.2	2.9	1.2	1.2	1.4	1.3	13.8	12.2	5.4	8.4	13.4	17.8
India	1.9	1.9	2.7	2.3	1.2	2.4	(4)	(4)	(4)	(4)	(4)	.7
Canada	.8	.9	1.3	1.3	1.1	.9	.2	.4	.5	1.6	2.0	3.1
Mexico	.7	.7	2.2	3.4	2.3	1.3	(4)	(4)	.4	1.1	2.3	(4)
Chile	.9	.6	2.0	2.2	2.1	1.0	.5	.4	.1	.3	.1	.1
Gold and silver, total	2	5	350	633	(5)	(5)	136	136	(2)	(2)	(5)	(5)
United States	1	4	340	572	------	------	136	136	------	------	------	------
Germany	1	1	------	------	------	------	------	------	------	------	------	------
Canada	------	------	7	28	------	------	------	------	(2)	(2)	------	------
Mexico	------	------	1	22	------	------	------	------	------	------	------	------
Colombia	------	------	2	------	------	------	------	------	------	------	------	------
Peru	------	------	------	11	------	------	------	------	------	------	------	------

[1] Including gold and silver.
[2] Less than $500.
[3] Not reported in source.
[4] Less than 0.05 percent.
[5] Not available.

Imports of Principal Commodities

Commodity	Quantity 1938	Quantity 1939	Quantity 1944	Quantity 1945	Value (thousands of dollars) 1938	Value 1939	Value 1944	Value 1945
Merchandise imports, total (excluding gold and silver)					**106,005**	**105,857**	**208,298**	**238,303**
Pork, salted ... 1,000 lb	3,182	2,966	2,361	1,963	517	503	405	353
Lard, pure ... do	45,901	53,469	66,305	61,515	3,970	3,486	9,372	9,017
Cod and stockfish ... do	17,444	15,394	3,090	2,544	938	754	502	413
Sardines, canned ... do	5,669	4,531	2,021	2,866	347	287	662	852
Hides and skins; leather ... do	3,046	2,156	1,410	1,878	1,486	1,499	2,310	2,988
Boots and shoes ... 1,000 pr	253	329	160	206	452	560	516	630
Tallow, impure ... 1,000 lb	2,129	3,652	25,796	14,422	79	91	2,022	1,104
Beans ... do	33,781	26,045	45,195	50,888	879	870	2,828	3,291
Peas ... do	19,273	22,950	44,730	37,210	724	995	2,930	2,437
Onions and garlic ... do	29,006	30,923	36,612	37,701	674	599	2,207	2,948
Potatoes, for food ... 1,000 bu	1,020	630	796	1,573	589	528	1,545	2,930
Potatoes, seed ... do	437	400	462	465	326	359	1,240	1,009
Vegetables, canned ... 1,000 lb	6,063	6,744	2,466	10,472	367	398	291	1,120
Rice ... do	411,737	444,148	455,981	384,451	8,863	9,184	31,718	27,297
Wheat flour ... 1,000 bbl	1,026	1,062	1,463	2,433	5,388	3,828	7,623	14,365
Other cereals and flour ... 1,000 lb	7,407	7,134	9,993	25,287	172	126	395	910
Fruit:								
Fresh ... do	11,646	9,611	11,923	21,290	489	402	1,005	1,872
Dried ... do	2,335	2,087	1,286	3,590	132	119	167	630
Canned ... do	2,856	2,800	1,177	2,542	206	209	144	321
Soybean oil, edible ... do	4,247	2,173	1,944	10,774	251	138	272	1,563
Olive oil, edible ... do	8,392	8,225	1	307	1,283	1,048	1	251
Malt for making beer ... do	15,509	16,871	29,043	31,502	656	537	1,591	1,838
Wines ... 1,000 gal	425	364	382	491	306	265	562	847
Rubber, raw, reclaimed, or slab ... 1,000 lb	447	747	3,059	5,312	77	118	986	1,364
Tires and tubes ... do	5,639	4,496	951	2,694	1,017	1,269	426	628
Colophony, pitch, and other resins ... 1,000 lb	10,556	12,702	13,418	6,779	257	327	941	459
Oils and fats, vegetable, inedible ... do	24,659	30,056	4,416	5,626	1,008	1,117	615	800
Essential oils ... do	158	164	292	434	323	306	1,093	1,199
Tanning extracts ... do	4,879	5,508	13,026	10,359	210	229	621	553
Cotton and manufactures:								
Raw ... do	8,752	8,585	16,198	14,620	651	864	2,585	2,490
Yarn, thread, and cordage ... do	4,654	5,333	6,604	4,901	1,593	1,992	4,861	3,711
Fabrics, plain, and manufactures ... 1,000 lb	10,754	11,983	6,117	7,389	4,515	4,859	5,034	6,176
Fabrics, twilled, and manufactures ... 1,000 lb	3,582	3,656	2,032	1,988	1,669	1,564	1,796	1,924
Sugar sacks and sacking ... do	2,442	3,819	3,550	1,536	660	901	1,679	761
Jute sacks and burlap ... do	45,879	46,721	[1]81,793	[1]73,648	2,175	2,393	8,636	7,645
Fabrics and manufactures of rayon, hemp, flax and similar fibers ... 1,000 lb	4,113	4,466	7,348	5,278	4,070	4,110	10,297	8,708
Knit piece goods of flax or hemp, mixed or not with cotton ... 1,000 lb	27	11	381	360	22	13	699	709
Wool piece goods, pure or mixed ... do	1,203	1,148	452	542	1,235	989	1,021	1,089
Rayon yarn and thread ... do	988	1,228	1,028	1,183	556	667	968	1,138
Pine lumber, unworked ... long tons	85,495	69,157	47,953	63,522	1,358	1,277	1,786	2,562
Cooperage ... 1,000 lb	2,922	3,175	46,165	2,025	84	75	2,357	92
Wood pulp ... long tons	15,808	25,299	6,017	32,868	609	683	577	2,501
Newsprint ... 1,000 lb	32,724	29,933	26,081	29,441	784	703	766	986
Book and lithographic paper ... do	13,171	13,593	8,744	12,941	634	581	775	1,207
Cardboard and bristolboard, and manufactures ... 1,000 lb	14,076	15,962	[2]17,290	[2]29,817	611	718	1,026	1,783
Coal and coke ... 1,000 long tons	339	280	169	171	1,474	1,254	1,783	1,640
Petroleum and products:								
Crude oil ... long tons	84,762	137,608	80,563	114,768	1,014	1,498	833	1,265
Gasoline ... 1,000 bbl	644	487	226	314	1,474	1,229	536	738
Fuel oil ... do	3,083	4,445	7,267	8,671	2,065	2,546	5,693	7,275
Lubricating oil ... do	51	68	69	82	488	1,369	811	1,080
Cement ... do	52	50	27	431	95	106	72	951
Window glass ... 1,000 lb	3,892	3,681	6,821	6,801	191	227	581	517
Glass tableware and ornaments ... do	5,150	5,108	6,726	6,607	466	504	917	930
Glass bottles and containers ... do	23,910	18,585	[3]62,300	[3]49,220	941	806	3,081	2,423
Tiles, glazed and colored ... do	3,271	4,513	8,009	4,229	152	200	682	421
Diamonds and diamond dust ... carats	(4)	(4)	275,606	369,032	(4)	(4)	2,927	4,833

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity 1938	Quantity 1939	Quantity 1944	Quantity 1945	Value (thousands of dollars) 1938	Value 1939	Value 1944	Value 1945
Iron and steel products:								
Bars and rods .... long tons..	14,421	16,681	25,070	20,790	694	759	1,591	1,638
Tinplate .... do....	9,187	12,469	10,923	11,941	1,060	1,249	1,253	1,285
Wheels, bearings, springs and similar articles for railway and other use .... long tons..	1,865	1,678	2,280	4,997	257	243	387	717
Pipes and tubes .... do....	4,312	6,916	4,655	11,996	429	652	530	1,146
Wire .... do....	11,468	14,281	7,487	6,780	1,015	1,151	1,007	1,005
Nails, screws, bolts and similar articles .... long tons..	3,380	3,862	5,824	7,685	482	523	1,799	1,624
Furniture and fixtures .... 1,000 lb..	9,819	9,478	7,736	11,052	1,465	1,299	1,655	2,103
Tools and implements .... do....	1,512	1,766	1,994	2,691	374	444	764	989
Copper and manufactures .... long tons..	1,978	1,957	1,284	3,496	1,062	1,038	996	2,354
Motors and accessories	--------	--------	--------	--------	707	624	613	1,319
Electrical appliances and parts	--------	--------	--------	--------	1,252	1,175	1,650	2,202
Radios and accessories	--------	--------	--------	--------	733	672	189	277
Sugar-processing and alcohol-distilling machinery .... 1,000 lb..	1,893	1,900	3,031	4,177	282	438	764	1,143
Agricultural machinery and equipment .... 1,000 lb..	8,052	6,815	4,538	8,088	1,860	1,674	1,565	2,987
Tractors, parts and accessories	--------	--------	--------	--------	137	233	348	903
Sewing and weaving machines and accessories	--------	--------	--------	--------	697	569	576	826
Office equipment	--------	--------	--------	--------	303	254	303	489
Domestic appliances, including refrigerators	--------	--------	--------	--------	1,376	1,305	1,004	1,372
Automobiles and parts:								
Passenger automobiles .... number..	2,974	2,140	158	285	2,066	1,432	126	252
Trucks and chassis .... do....	1,680	1,100	363	975	1,172	758	332	1,132
Parts and accessories .... 1,000 lb..	1,791	1,579	1,291	2,250	458	413	477	910
Pharmaceuticals:								
Patent medicines .... do....	2,751	2,830	3,966	4,965	2,046	2,545	4,640	5,803
Other .... do....	2,621	2,746	3,757	5,487	1,728	1,097	2,191	2,113
Organic acids .... long tons..	974	613	1,779	1,046	166	152	882	611
Inorganic salts, including chemical fertilizers .... 1,000 lbs..	90,765	110,782	114,837	226,643	818	1,169	1,727	3,288
Paints, pigments, and varnishes .... do....	5,761	6,779	10,223	11,470	699	832	1,610	1,732
Film, motion-picture and other .... do....	88	98	122	117	263	306	480	438
Toys and games .... do....	2,349	2,384	1,188	1,471	427	440	470	595
Printed matter .... do....	2,465	1,595	2,461	2,663	285	238	634	628
Other merchandise	--------	--------	--------	--------	20,120	19,894	39,966	46,810
Gold and silver, total	--------	--------	--------	--------	2	5	350	633
Gold ingots and bars .... troy ounces..	450	643	9,002	14,950	2	2	344	567
Silver ingots and bars .... do....	--------	129	8,648	88,863	--------	3	6	66

[1] Excludes returned jute sacks, for which no value is reported.
[2] Excludes returned boxes for which no value is shown.
[3] Excludes returned bottles for which no value is shown.
[4] Not reported in source.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Merchandise exports, including reexports, total (excluding gold and silver)					**142,542**	**147,540**	**433,095**	**409,925**
Cattle hides, salted......1,000 lb..	16,718	11,616	433	2,887	1,547	1,017	52	342
Hides and skins, tanned....do....	9	17	1,451	721	12	12	946	579
Leather manufactures:								
Footwear............1,000 pr..	3	1	200	206	5	3	647	825
Other...............1,000 lb..	5	7	196	536	7	15	720	1,339
Tomatoes, fresh............do....	46,934	38,927	19,316	17,594	677	491	655	742
Vegetables, preserved.......do....	372	64	1,435	3,868	41	3	321	895
Bananas.....................do....	176,480	216,844	54,167	58,112	1,389	1,939	1,629	1,832
Pineapple, fresh............do....	96,318	94,874	74,836	92,902	850	808	1,704	2,118
Pineapple, canned...........do....	8,584	10,757	17,124	18,308	498	475	1,955	2,041
Coconut, grated, in cans....do....	(1)	(1)	1,540	6,952	(1)	(1)	309	1,708
Coffee......................do....	15,041	18,777	15,636	5,137	677	856	1,357	503
Sugar, raw..................do....	5,126,907	5,202,664	7,581,583	6,894,425	82,397	84,216	198,349	203,458
Sugar, refined..............do....	695,482	935,595	1,095,322	1,378,864	17,374	21,633	38,852	55,762
Molasses, blackstrap....1,000 gal..	118,906	159,914	83,147	94,165	4,387	4,433	11,355	12,779
Molasses, invert, high test..do....	92,546	88,575	212,673	23,166	5,964	4,460	47,797	4,923
Candy and confections..1,000 lb..	578	21	33,655	51,316	21	4	4,159	6,961
Honey.......................do....	14,366	12,277	9,047	9,114	677	599	899	862
Cane sirup..............1,000 gal..	6,358	8,575	514	10	1,201	1,328	191	11
Alcohol.....................do....	1	1	16,603	21,976	1	1	11,540	14,433
Aguardiente.................do....	293	19	118	640	112	9	164	573
Gin.........................do....	(1)	(1)	537	174	(1)	(1)	1,458	200
Rum.........................do....	201	210	5,775	1,405	948	1,005	12,939	2,211
Tobacco, unmanufactured 1,000 lb..	28,028	28,764	32,450	30,169	10,478	11,058	33,717	37,726
Cigars..................thousands..	32,634	29,417	181,440	109,442	2,983	2,968	17,796	12,470
Thread, cordage, and rigging 1,000 lb..	5,807	3,688	12,537	20,263	383	203	2,179	3,525
Footwear, canvas........1,000 pr..	(1)	(1)	152	1,093	(1)	(1)	182	1,341
Chrome ore..............long tons..	34,422	62,271	316,268	269,519	175	363	4,279	3,762
Copper ore..................do....	49,937	38,961	19,075	31,270	2,342	1,666	1,297	1,604
Manganese ore...............do....	119,998	105,960	409,554	277,402	2,255	1,801	11,392	7,159
Diamonds, cut.............carats..	(1)	(1)	39,674	59,747	(1)	(1)	6,037	9,926
Sponges.................1,000 lb..	712	644	155	75	597	468	1,044	582
Other merchandise..................					4,544	5,706	17,174	16,713
Gold and silver, total.............					136	136	(2)	(2)
Gold ore........1,000 troy oz..	59,256	17,960			136	135		
Silver in ingots and bars..........					(2)	1	(2)	(2)

[1] Not reported in source
[2] Less than $500

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Merchandise imports from the United States, total (excluding gold and silver)					**75, 151**	**78, 377**	**168, 501**	**187, 391**
Pork, salted 1, 000 lb	3, 106	2, 966	2, 361	1, 963	510	503	405	353
Lard, pure do	45, 899	53, 469	64, 368	61, 297	3, 969	3, 486	9, 137	8, 990
Hides and skins; leather do	2, 667	1, 559	642	652	1, 325	1, 310	1, 298	1, 343
Boots and shoes 1, 000 pr	252	328	156	203	450	559	509	615
Beans and peas 1, 000 lb	16, 966	29, 794	42, 562	42, 828	505	1, 001	2, 884	2, 925
Onions and garlic do	23, 648	22, 627	25, 199	32, 217	495	374	1, 321	2, 299
Potatoes for food and seed 1, 000 bu	1, 046	651	944	1, 766	613	553	1, 905	3, 405
Rice 1, 000 lb	199, 280	222, 660	362, 995	309, 195	5, 175	5, 812	25, 677	22, 155
Wheat flour 1, 000 bbl	1, 025	1, 058	1, 447	2, 433	5, 383	3, 814	7, 549	14, 361
Fruit, fresh 1, 000 lb	11, 596	9, 517	11, 918	19, 817	486	398	1, 004	1, 755
Soybean oil do	3, 245	2, 159	1, 944	10, 774	199	136	272	1, 563
Malt for making beer do	1, 041	329	14, 499	15, 379	53	11	847	877
Rubber, raw, reclaimed or slab 1, 000 lb	433	682	2, 860	5, 277	74	106	978	1, 344
Rubber tires and tubes do	5, 464	4, 327	902	2, 666	969	1, 220	381	601
Colophony, pitch, and other resins 1, 000 lb	10, 277	12, 409	13, 414	6, 365	232	299	939	427
Vegetable oils and fats, industrial 1, 000 lb	8, 557	11, 498	2, 147	3, 381	407	611	303	457
Essential oils do	109	127	287	425	168	197	1, 046	1, 141
Cotton, raw do	8, 382	8, 544	1, 197	2, 178	622	862	282	412
Cotton thread, yarn and cordage 1, 000 lb	2, 459	3, 080	5, 695	4, 325	902	1, 277	3, 598	2, 689
Cotton fabrics, plain, and manufactures 1, 000 lb	9, 571	11, 449	5, 778	6, 295	3, 723	4, 472	4, 469	4, 452
Cotton fabrics, twilled, and manufactures 1, 000 lb	2, 772	3, 063	2, 009	1, 926	1, 102	1, 211	1, 727	1, 783
Sugar sacks and sacking, of cotton 1, 000 lb	2, 416	3, 819	3, 550	1, 536	654	901	1, 679	761
Fabrics and manufactures of rayon, hemp, flax, and similar fibers 1, 000 lb	2, 621	3, 364	6, 218	5, 193	2, 754	3, 207	9, 931	8, 279
Knit piece goods of flax or hemp, mixed or not with cotton 1, 000 lb	23	9	380	356	16	11	694	689
Wool piece goods, pure or mixed 1, 000 lb	156	168	271	371	160	164	567	648
Rayon yarn and thread do	844	885	1, 027	1, 183	499	516	968	1, 135
Pine lumber, unworked long tons	84, 955	68, 493	47, 549	60, 798	1, 349	1, 268	1, 767	2, 450
Wood pulp do	1, 185	2, 201	6, 017	9, 490	51	80	577	871
Newsprint 1, 000 lb	19, 982	15, 428	26, 060	26, 520	471	351	766	851
Book and lithograph paper do	9, 984	10, 970	8, 743	12, 226	524	509	775	1, 136
Cardboard and bristolboard, and manufactures 1,000 lb	13, 220	15, 521	[1] 17, 273	[1] 28, 740	555	685	1, 016	1, 695
Coal and coke 1, 000 long tons	288	238	166	165	1, 220	1, 082	1, 737	1, 602
Petroleum and products:								
Crude oil long tons	66, 619	137, 608	70, 817	114, 768	773	1, 498	775	1, 265
Gasoline 1, 000 bbl	644	487	226	313	1, 474	1, 229	535	737
Fuel oil do	1, 343	518	2, 387	1, 466	920	307	1, 893	1, 247
Lubricating oil do	50	67	69	82	484	1, 367	810	1, 079
Cement do	14	16	21	388	60	75	50	862
Window glass 1, 000 lb	927	1, 350	6, 821	6, 792	107	156	581	517
Glass tableware and ornaments 1, 000 lb	4, 563	4, 683	6, 711	6, 529	295	386	904	905
Glass bottles and containers 1, 000 lb	21, 409	17, 273	[2] 61, 998	[2] 48, 939	724	669	2, 967	2, 363
Diamonds and diamond dust carats	(3)	(3)	174, 124	362, 389	(3)	(3)	2, 860	4, 729

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Iron and steel products:								
Bars and rods......long tons..	10,667	14,079	25,070	20,764	523	655	1,591	1,632
Tinplate..........do....	8,939	10,866	10,923	11,941	1,034	1,184	1,253	1,285
Wheels, springs, bearings, and similar articles for railway or other use..long tons..	1,730	1,555	2,280	4,946	214	184	385	618
Pipes and tubes..........do....	3,787	6,230	4,655	11,993	384	595	530	1,146
Wire..........do....	8,104	10,140	7,487	6,777	746	879	1,007	1,001
Nails, screws, bolts, and similar articles..........long tons..	2,617	3,168	5,750	7,361	345	401	1,771	1,530
Furniture and fixtures 1,000 lb..	6,238	7,288	7,691	10,915	981	1,012	1,633	2,060
Tools and implements..do....	756	1,171	1,992	2,495	228	355	758	935
Copper and manufactures long tons..	1,535	1,704	1,154	3,362	816	893	824	2,116
Motors and accessories..........					505	498	612	1,309
Electrical appliances and parts...					1,070	1,021	1,574	2,083
Radios and accessories..........					672	589	188	275
Sugar-processing and alcohol distilling apparatus, and parts 1,000 lb..	1,421	1,862	2,974	4,148	233	422	730	1,131
Agricultural machinery and equipment..........1,000 lb..	7,233	6,394	4,482	7,981	1,589	1,549	1,535	2,944
Tractors, parts, and accessories...					136	233	348	903
Sewing and weaving machines and accessories..........					652	530	561	805
Office equipment..........					286	238	300	460
Domestic appliances, including refrigerators..........					1,290	1,242	973	1,333
Automobiles, parts, and accessories:								
Passenger automobiles number..	2,974	2,136	155	279	2,066	1,430	124	249
Trucks and chassis......do....	1,672	1,096	363	964	1,153	746	332	1,101
Parts and accessories 1,000 lb..	1,766	1,557	1,290	2,249	450	406	476	910
Pharmaceuticals:								
Patent medicines......do....	1,241	1,410	3,501	4,392	689	1,050	3,760	4,874
Other..........do....	2,138	2,274	3,676	5,318	950	773	2,006	1,912
Inorganic salts..........do....	79,376	92,150	106,516	167,825	621	901	1,538	2,210
Paints, pigments, and varnishes 1,000 lb..	3,318	4,103	9,910	11,139	485	613	1,583	1,676
Film, motion picture and other 1,000 lb..	78	88	110	107	226	274	402	314
Toys and games..........do....	1,423	1,766	1,151	1,431	284	353	449	564
Printed matter..........do....	1,740	1,330	1,957	2,105	217	185	458	448
Other merchandise..........					15,854	16,493	42,417	41,807
Gold and silver, total..........					1	4	340	573
Gold ingots and bars troy ounces..	386	193	8,841	14,468	1	1	335	549
Silver ingots and bars..do....		129	7,266	31,186		3	5	23

[1] Excludes returned boxes for which no value is reported.
[2] Excludes returned bottles for which no value is reported.
[3] Not reported in source.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Merchandise exports, including reexports to the United States, total (excluding gold and silver)	------	------	------	------	**108, 227**	**111, 046**	**386, 011**	**323, 330**
Cattle hides, salted.....1, 000 lb..	9	1, 516	433	2, 692	1	149	52	318
Hides and skins, tanned....do....	6	2	1, 085	644	7	2	708	493
Leather manufactures, including footwear	------	------	------	------	10	13	235	568
Tomatoes, fresh.........1, 000 lb..	46, 586	37, 892	19, 112	17, 458	669	473	647	738
Vegetables, preserved.......do....	223	(1)	1, 405	3, 699	37	(2)	310	870
Bananas.....................do....	176, 470	215, 955	46, 632	57, 857	1, 389	1, 930	1, 359	1, 828
Pineapple, fresh............do....	93, 747	89, 606	73, 540	92, 173	829	749	1, 685	2, 107
Pineapple, canned...........do....	7, 456	9, 937	15, 732	16, 805	431	428	1, 826	1, 878
Coconut, grated, in cans....do....	(3)	(3)	1, 536	6, 950	(3)	(3)	308	1, 708
Coffee......................do....	7, 645	14, 007	8, 623	1, 564	318	570	796	141
Sugar, raw..................do....	3, 320, 955	3, 695, 919	7, 018, 653	5, 529, 236	63, 656	65, 199	183, 702	162, 886
Sugar, refined..............do....	661, 300	732, 513	798, 291	798, 160	16, 852	17, 119	27, 202	29, 993
Molasses, blackstrap...1, 000 gal..	102, 976	132, 350	83, 147	88, 587	3, 962	3, 623	11, 355	12, 021
Molasses, invert, high test..do....	25, 826	33, 448	173, 447	23, 165	1, 833	1, 628	38, 971	4, 923
Candy and confections..1, 000 lb..	560	7	33, 413	50, 212	16	1	4, 084	6, 787
Honey.......................do....	128	172	8, 028	8, 991	7	9	801	844
Cane sirup.............1, 000 gal..	6, 237	8, 417	514	6	1, 183	1, 305	191	5
Alcohol.....................do....	(1)	------	16, 603	20, 818	(2)	------	11, 540	13, 299
Gin.........................do....	(3)	(3)	533	168	(3)	(3)	1, 440	183
Rum.........................do....	154	170	5, 376	1, 277	820	884	11, 976	1, 766
Tobacco, unmanufactured 1, 000 lb..	13, 141	14, 953	28, 951	25, 047	7, 554	8, 428	31, 015	33, 146
Cigars.................thousands..	2, 457	3, 176	158, 589	61, 460	275	355	15, 702	7, 090
Thread, cordage, and rigging 1, 000 lb..	5, 759	3, 594	10, 727	18, 020	379	195	1, 808	3, 087
Footwear, canvas......1, 000 pair..	(3)	(3)	151	1, 082	(3)	(3)	179	1, 329
Chrome ore............long tons..	34, 422	62, 271	316, 268	269, 319	175	363	4, 279	3, 760
Copper ore..................do....	49, 937	38, 961	19, 075	31, 270	2, 342	1, 666	1, 297	1, 604
Manganese ore...............do....	119, 988	105, 947	409, 554	258, 745	2, 255	1, 801	11, 392	6, 733
Diamonds, cut...............carats..	(3)	(3)	39, 674	59, 627	(3)	(3)	6, 037	9, 909
Sponges................1, 000 lb..	346	400	139	60	319	296	930	476
Other merchandise	------	------	------	------	2, 908	3, 860	14, 184	12, 840
Gold and silver, total	------	------	------	------	136	136	------	------
Gold ore...1, 000 troy ounces..	59, 256	17, 960	------	------	136	135	------	------
Silver in ingots and bars	------	------	------	------	(2)	1	------	------

[1] Less than one-half the unit.
[2] Less than $500.
[3] Not reported in source.

FINANCE

Government Receipts and Expenditures (Thousands of Pesos)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947[1]	1948[1]
Revenues	71, 228	75, 670	75, 944	113, 469	128, 565	162, 623	158, 018	199, 941	213, 170	234, 512
Expenditures	81, 935	81, 102	80, 798	111, 610	120, 269	150, 792	146, 814	232, 600	213, 144	234, 519

[1] Estimated.

Public Debt (Thousands of Dollars)

[End of year unless otherwise specified]

Item	1939[1]	1940[1]	1941[2]	1942	1943	1944	1945	1946	1947
Funded debt[3]	139, 258	132, 921	125, 973	118, 416	114, 691	109, 365	102, 714	97, 104	91, 551
Eximbank debt	------	------	------	------	1, 463	818	7, 739	12, 552	11, 890

[1] August 31.
[2] June 30.
[3] In addition, there is an unfunded debt, the total amount of which has been estimated at $70,000,000 as of July 31, 1948, all of which is external except an internal issue which remained unchanged at $7,167,400 during most of the period 1939–47 and was reduced to $7,067,300 as of March 31, 1948.

Cuban Money Supply (Millions of Pesos)

[End of years specified]

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
United States currency	22.2	(1)	24.8	108.6	181.4	240.1	251.7	290.9	311.4
Cuban currency	76.0	78.7	79.5	116.3	131.9	244.2	320.8	348.0	[2]438.3
Total	98.2	78.7	104.3	224.9	323.3	484.3	575.5	639.0	749.7
Reserves against Cuban currency:									
Gold	1.2	1.2	1.2	1.2	46.2	111.2	191.2	226.2	291.2
Silver	74.8	77.4	78.3	(1)	79.8	81.1	80.0	80.0	80.0
U. S. currency[3]	------	------	------	------	5.0	40.0	35.0	25.0	60.0

[1] Not available.
[2] Does not include 5,000,000 pesos held for the account of the International Monetary Fund in payment of Cuba's subscription to the Fund.
[3] Not eligible for reserve prior to May 1942.

Currency and exchange.—The unit of currency is the Cuban peso; parity announced by the International Monetary Fund, December 18, 1946, $1 (1 peso to the United States dollar). Annual average exchange rates as follows: 1939, $0.93; 1940, $0.90; 1941, $0.975; 1942–48 inclusive, $1.

PRINCIPAL SOURCES

Ministerio de Hacienda, Dirección General de Estadística, Boletin Mensual de Estadísticas.

Ministerio de Hacienda, Dirección General de Estadística, Comercio Exterior.

Cuba Económica y Financiera.

Anuario Azucarero de Cuba (Sugar Yearbook).

DOMINICAN REPUBLIC

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 19,332 square miles. Population: January 1, 1948, estimate, 2,182,103; 1935 census, 1,479,417 (urban, 263,625; rural, 1,215,792). Racial composition: Whites, 15 percent; negroes, 15 percent; mulattoes, 70 percent. Cities, 1946 official estimate, with 1935 census data in parentheses: Ciudad Trujillo, the capital, 114,308 (71,091); Santiago de los Caballeros, 54,113 (34,175); San Pedro de Macoris, 22,728 (18,617); Puerto Plata, 15,610 (11,772); La Romana, 12,000 (10,912).

Education.—Enrollment in public and private schools, 1945 estimate: Students, 216,358; teachers, 3,782. Number of schools, 1948 estimate: 2,576. Illiteracy, 1948 estimate, 37 percent.

AGRICULTURE AND INDUSTRY

Agriculture is the principal economic activity. Sugar is the most valuable export crop, accounting for approximately 60 percent of total exports in 1947. Cane sugar production (thousand short tons): 10-year average, 1937–38 to 1946–47, 488; 1946–47, 512; 1947–48, 465. Other important crops: Cacao, coffee, corn, tobacco, rice, beans, yucca, bananas, oranges, coconuts, and pineapples.

Livestock, 1947 estimates (thousands): Cattle, 550; swine, 544; sheep, 27; goats, 304.

Industry.—Principally the processing of agricultural products for export. Industrial establishments in 1947 estimated at 4,200. Principal industrial products: Sugar, rum, alcohol, beer, soda water and soft drinks, yucca starch, dairy products, salt, peanut oil, chocolate, bags, textiles, packing house products, leather and leather products, shirts and other clothing, lumber, furniture, soap, tile, brick, and pottery.

TRANSPORTATION AND COMMUNICATION

Highways.—Road mileage, 1947 estimate: Total, 3,000; surfaced 500. Motor registration, 1947: Automobiles, 2,664; trucks, 2,396; busses, 331; motorcycles, 671.

Railways.—Government-owned and -operated public carrier lines, 1947, 152 miles; sugar estate lines, 1941, 640 miles.

Aviation.—One domestic air line, with daily schedules between Ciudad Trujillo and Santiago, and flights twice weekly from Ciudad Trujillo to La Vega, Monte Cristi, San Pedro de Macoris, La Romana, Sabana de la Mar, Barahona, and San Juan de la Maguana. International air traffic through General Andrews Airport in Ciudad Trujillo. Domestic and foreign air traffic data not available.

Shipping.—In foreign trade, 1948: Vessels under Dominican flag, 462; net registered tonnage, 70,150. Entrances, 1,333 vessels; net registered tonnage, 1,847,827. Departures, 1,353 vessels; net registered tonnage, 1,860,174.

Postal service.—Post offices, 1944, 131.

Telephones.—Number of instruments (1943), 3,993, of which 172 state-owned. One radiotelephone station (1943) with world-wide connections.

Telegraphs.—Number of telegraph offices (1943), 151. Telegraph service, operated by Government through use of over 670 miles of rented facilities. International telegraph circuits, 13, operated by 4 companies, with world-wide communication.

Cable.—Six cables (1943) terminating in Dominican Republic and connecting with Puerto Rico, Cuba, the Netherlands Antilles, and Haiti.

Radio.—Transmitting stations (1947), 22.

FOREIGN TRADE

Per capita trade.—1947: Imports, $24.50; exports, $38.15.

Basis of trade statistics.—The foreign trade statistics represent general commerce. Imports are recorded by country of purchase and exports by country of sale.

Import and export values are based on consular and commercial invoices. Imports are valued f. o. b. Exports are valued f. o. b., Dominican port, excluding export duties.

The United States dollar is the monetary unit employed in recording trade statistics.

Value of Imports and Exports (Thousands of Dollars)

Year	Total trade, including gold, silver, and specie		Gold, silver, and specie		Year	Total trade, including gold, silver, and specie		Gold, silver, and specie	
	General imports	Exports, including reexports	Imports	Exports		General imports	Exports, including reexports	Imports	Exports
1934	10, 574	12, 895	(1)	375	1941	11, 739	17, 124	(1)	571
1935	9, 790	15, 487	(1)	323	1942	11, 481	20, 057	(1)	241
1936	9, 927	15, 150	(1)	379	1943	14, 361	36, 205	(1)	31
1937	11, 692	18, 120	(1)	262	1944	18, 525	60, 269	(1)	25
1938	11, 342	14, 347	(1)	236	1945	18, 126	43, 564	(1)	17
1939	11, 592	18, 643	(1)	254	1946	27, 664	66, 689	(1)	23
1940	10, 511	18, 301	(1)	280	1947	53, 448	83, 206	(1)	----------

[1] Not shown separately

Trade With Principal Countries (Thousands of Dollars)

Country	Imports				Exports, including reexports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total trade, including gold, silver, and specie	**11,692**	**11,342**	**27,664**	**53,448**	**18,120**	**14,347**	**66,689**	**83,206**
United States	6,115	6,072	21,334	41,828	5,832	4,607	11,998	21,064
Canada	203	128	1,037	1,697	----	(1)	6,233	8,629
France	307	364	41	191	2,595	1,153	2,065	1,075
Germany	905	865	2	3	589	484	----	----
United Kingdom	695	517	394	905	2,234	3,004	28,526	34,477
Ireland	82	48	(1)	1	3,196	2,976	(1)	(1)
Netherlands	131	92	32	116	562	400	2,570	1,636
Netherlands Antilles	270	345	683	1,608	259	354	1,747	1,765
Spain	115	40	255	321	4	17	1,913	897
Puerto Rico	23	15	430	588	519	333	5,971	3,109
Chile	13	5	4	63	(1)	----	----	7,139
India	386	505	1,054	1,652	----	----	----	----
Japan	1,479	1,202	(1)	(1)	235	35	----	----
Other countries	968	1,144	2,398	4,475	2,095	984	5,666	3,415
Percent of total:								
United States	52.3	53.5	77.1	78.3	32.2	32.1	18.0	25.3
Canada	1.7	1.1	3.7	3.2	----	(2)	9.3	10.4
United Kingdom	5.9	4.6	1.4	1.7	12.3	20.9	42.7	41.4
Ireland	.7	.4	(2)	(2)	17.6	20.7	(2)	(2)
Netherlands Antilles	2.3	3.0	2.5	3.0	1.4	2.5	2.6	2.1
Puerto Rico	.2	.1	1.6	1.1	2.9	2.3	8.9	3.7
Chile	.1	(2)	(2)	.1	(2)	----	----	8.6
India	3.3	4.5	3.8	3.1	----	----	----	----
Japan	12.6	10.6	(2)	(2)	1.3	.2	----	----
Gold, silver, and specie:								
United States	(3)	(3)	(3)	(3)	258	236	23	----
United Kingdom	(3)	(3)	(3)	(3)	5	----	----	----

[1] Less than $500.
[2] Less than 0.05 percent.
[3] Not shown separately.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports, total[1]	----	----	----	----	**11,692**	**11,342**	**27,664**	**53,448**
Animal products:								
Lard ... 1,000 lb	884	1,109	----	674	102	103	----	165
Milk ... do	160	198	526	921	16	20	121	260
Fish, salted, dried, or smoked ... do	4,418	4,246	1,953	4,898	186	194	268	698
Hides and skins, and manufactures	----	----	----	----	266	218	311	362
Grains and products:								
Wheat ... 1,000 bu	49	56	55	50	72	61	115	148
Wheat flour ... 1,000 bbl	47	48	115	172	287	253	955	2,163
Cereal preparations ... 1,000 lb	1,295	1,471	4,153	7,241	62	64	252	557
Bread, biscuits, etc. ... do	169	195	748	1,179	26	34	132	283
Olive oil ... do	386	446	6	57	73	68	6	49
Spices ... do	524	319	571	583	45	29	197	165
Confectionery ... do	503	899	364	487	76	119	108	171
Beverages:								
Beer ... 1,000 gal	69	87	187	183	38	48	157	165
Spirits, distilled ... do	8	9	34	41	34	36	210	281
Wine ... do	22	21	15	14	40	30	45	48
Rubber tires and tubes ... 1,000 lb	450	521	10,003	16,421	131	154	546	931
Cotton:								
Yarn and manufactures	----	----	----	----	172	160	319	445
Fabric ... 1,000 yd	21,631	21,117	12,820	18,013	1,674	1,495	3,764	6,740
Hosiery ... 1,000 pr	964	612	767	496	91	56	140	106
Other knit goods	----	----	----	----	42	47	70	213
Other cotton and manufactures	----	----	----	----	268	238	495	908

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Vegetable fibers:								
Thread, yarn, and cordage 1,000 lb	441	338	275	356	66	42	55	95
Fabric 1,000 yd	313	169	41	112	91	55	40	131
Jute bags thousands	(2)	(2)	5,750	6,105	440	510	1,105	1,645
Other bags do	(2)	(2)	6,871	8,558	18	21	654	1,229
Wool, hair, or horsehair fabric					89	95	153	272
Silk, natural and artificial:								
Fabric 1,000 sq. yd	1,131	1,086	1,586	1,972	186	164	849	1,335
Hosiery 1,000 pr	68	63	141	279	27	24	68	132
Other manufactures					59	60	257	306
Hats and caps					88	80	233	178
Paper and manufactures:								
Wrapping paper and bags 1,000 lb	2,436	3,764	4,558	3,849	102	168	402	413
Other					281	294	810	1,256
Mineral oils:								
Crude, for fuel 1,000 bbl	181	253	283	316	157	208	353	618
Gasoline do	93	109	120	248	304	338	358	920
Illuminating do	35	35	36	51	173	162	95	182
Lubricating do	11	8	12	46	86	70	140	366
Other					46	34	129	167
Cement bbl	192,538	93,456	258,035	303,735	159	108	557	841
Earthenware, porcelain and pottery					125	83	337	405
Glass and glassware					136	134	469	772
Iron and steel:								
Cast-iron products					62	51	88	296
Wrought-iron and steel products:								
Nails and tacks long tons	507	265	268	1,301	55	30	44	277
Pipe and fittings do	838	827	6,010	9,425	110	102	603	1,275
Construction materials:								
Galvanized sheets do	1,722	757	634	857	150	71	76	110
Other do	3,457	2,984	4,526	15,249	275	218	435	1,899
Wire do	1,755	1,770	1,153	2,195	125	132	158	385
Other					484	539	1,270	2,765
Copper and alloys, and manufactures					128	104	141	528
Machinery and vehicles:								
Agricultural machines and implements					218	148	249	470
Steam engines and hydraulic motors					108	124	589	1,091
Electrical apparatus					196	227	382	1,343
Other machinery and apparatus					555	475	1,490	3,157
Automobiles number	429	413	207	834	296	258	204	1,071
Trucks do	227	195	465	1,013	158	148	599	1,520
Chemicals and products:								
Caustic soda and tallow for soap manufacture 1,000 lb	3,942	4,136	[3] 2,732	[3] 3,874	174	134	[3] 355	[3] 889
Mineral, chemical, and pharmaceutical products, simple					365	413	1,117	1,502
Paints and pigments 1,000 lb	1,057	886	1,421	2,148	86	77	154	309
Varnishes, driers, and shellac do	186	158	343	484	35	30	73	127
Books and printed matter					38	45	85	170
Gold, silver, platinum, and manufactures					14	17	135	118
Other merchandise					1,726	1,922	4,142	8,045

[1] May include gold and silver
[2] Data not comparable.
[3] Reported as "Tallow"

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Total exports,[1] including reexports					**18,120**	**14,347**	**66,689**	**83,206**
Cattle............number	4,646	5,965	5,425	1,224	102	152	416	109
Beef, fresh............1,000 lb			2,943	2,377			503	470
Leather shoes............1,000 pr			8	1			27	5
Beeswax............1,000 lb	469	457	525	479	94	59	208	203
Corn............1,000 bu	557	497	872	717	319	212	1,456	1,136
Rice............1,000 lb			8,397	1			737	(2)
Bananas............1,000 stems	128	369	1,368	909	29	95	874	651
Copra............1,000 lb	317	88	14,389	3,152	3	1	721	100
Coffee............do	24,359	18,552	31,639	25,114	1,765	1,040	5,420	5,126
Cacao............do	43,266	62,529	55,548	66,134	2,524	1,918	4,451	12,952
Chocolate............do		100	4,549	1,629		7	718	380
Sugar:								
Raw............do	943,710	889,637	911,489	1,025,519	10,683	8,592	34,799	50,424
Refined............do	3,571	4,711	6,533	7,779	57	72	575	873
Molasses............1,000 gal	18,836	20,488	18,593	21,427	844	616	2,581	2,962
Tapioca starch............1,000 lb	7,060	2,363	4,850	4,239	215	64	401	525
Leaf tobacco............do	6,912	16,320	62,534	32,985	172	404	8,795	4,548
Wood, unmanufactured ....1,000 bd. ft	9,697	4,656	12,636	11,173	234	112	990	906
Other merchandise					694	515	2,828	1,511
Reexports					122	252	166	325
Gold:								
Old gold............1,000 troy oz	3	2			39	30		
Placer gold............do	8	8	1		224	206	23	

[1] Gold included.
[2] Less than $500.

Trade With the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports from the United States, total[1]					**6,115**	**6,072**	**21,334**	**41,828**
Animal products:								
Lard............1,000 lb	190	1,108		674	25	103		165
Milk............do	33	64	453	810	6	10	107	240
Fish, salted, dried or smoked..do	1,224	1,245	80	1,043	66	69	10	154
Hides and skins, and manufactures					254	202	179	255
Grains and products:								
Wheat............1,000 bu	10	36	36	39	15	42	75	117
Wheat flour............1,000 bbl	46	47	118	140	280	248	718	1,750
Cereal preparations............1,000 lb	811	1,058	2,683	5,598	45	53	186	445
Bread, biscuits, etc............do	158	176	741	1,167	23	30	130	259
Spices............do	73	73	150	175	10	10	40	44
Confectionery............do	398	721	318	390	62	92	91	129
Rubber tires and tubes............do	340	313	968	1,532	97	95	528	860
Cotton:								
Yarn and manufactures					24	24	128	277
Fabric............1,000 yd	3,839	5,162	11,019	17,092	477	497	3,292	6,409
Hosiery............1,000 pr	114	99	665	423	14	9	126	88
Other knit goods					10	20	58	190
Other cotton and manufactures					176	181	430	809
Vegetable fibers:								
Thread, yarn, and cordage.1,000 lb	80	46	40	75	16	9	11	31
Fabric............1,000 yd	5	5	4	12	1	1	5	16
Jute bags............thousands	(2)	(2)	651	412	22	20	90	87
Other bags............do	(2)	(2)	6,334	8,082	14	17	578	1,134
Wool, hair, or horsehair fabric					3	7	129	232
Silk, natural and artificial:								
Fabric............1,000 sq. yd	118	150	1,542	1,864	41	42	824	1,227
Hosiery............1,000 pr	59	56	129	265	24	22	61	134
Other manufactures					36	37	211	255
Hats and caps					42	36	117	113
Paper and manufactures:								
Wrapping paper and bags.1,000 lb	822	1,267	1,643	844	40	62	155	95
Other					225	244	732	1,153

See footnotes at end of table.

Trade With the United States by Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports from the United States—Continued								
Mineral oils:								
Crude, for fuel........1,000 bbl..	11	19	7	16	24	38	15	36
Gasoline..........do....	48	50	44	16	150	144	133	70
Illuminating..........do....	32	31	17	7	164	156	52	52
Lubricating..........do....	11	8	10	36	84	68	127	343
Other..........	------	------	------	------	37	28	73	132
Cement..........barrels..	2, 240	1, 902	179, 613	218, 681	5	5	390	610
Earthenware, porcelain and pottery....	------	------	------	------	36	32	259	262
Glass and glassware..........	------	------	------	------	80	74	443	694
Iron and steel:								
Cast-iron products..........	------	------	------	------	38	36	45	168
Wrought-iron and steel products:								
Nails and tacks......long tons..	221	130	265	1, 168	24	15	43	227
Pipe and fittings..........do....	734	750	5, 988	7, 409	103	94	597	1, 105
Construction materials:								
Galvanized sheets....do....	357	325	634	856	35	32	76	110
Other..........do....	1, 465	1, 400	4, 523	14, 762	170	118	434	1, 814
Wire..........do....	1, 080	1, 197	1, 089	1, 885	76	85	143	309
Other..........	------	------	------	------	312	336	1, 145	2, 609
Copper and alloys, and manufactures....	------	------	------	------	112	87	128	485
Machinery and vehicles:								
Agricultural machines and implements..........	------	------	------	------	81	78	208	417
Steam engines and hydraulic motors	------	------	------	------	91	102	557	1, 016
Electrical apparatus..........	------	------	------	------	175	181	368	1, 257
Other machinery and apparatus....	------	------	------	------	487	420	1, 442	2, 939
Automobiles..........number..	425	229	199	797	294	186	199	1, 027
Trucks..........do....	226	144	454	1, 005	158	109	586	1, 509
Chemicals and products:								
Caustic soda and tallow for soap manufacture........1,000 lb..	739	846	[3] 176	[3] 657	21	21	[3] 19	[3] 118
Mineral, chemical, and pharmaceutical products, simple..........	------	------	------	------	189	217	958	1, 310
Paints and pigments......1,000 lb..	721	596	1, 285	1, 959	62	56	142	283
Varnishes, driers, and shellac..do....	180	153	343	479	34	30	72	126
Books and printed matter..........	------	------	------	------	22	28	46	107
Gold, silver, platinum, and manufactures..........	------	------	------	------	9	7	115	90
Other merchandise..........	------	------	------	------	994	1, 107	3, 508	5, 945
Exports to the United States, total....	------	------	------	------	**5, 832**	**4, 607**	**11, 998**	**21, 064**
Beeswax..........1,000 lb..	468	452	745	479	94	58	208	203
Bananas..........1,000 stems..	126	367	1, 360	909	28	95	869	651
Copra..........1,000 lb..	313	78	11, 162	3, 134	3	1	588	99
Coffee..........do....	6, 490	5, 983	17, 238	17, 585	438	358	2, 719	3, 522
Cacao..........do....	36, 408	56, 964	46, 894	63, 926	2, 076	1, 735	3, 786	12, 504
Chocolate..........do....	------	------	1, 768	70	------	------	238	11
Sugar, raw..........do....	143, 814	120, 301	------	------	1, 625	1, 208	------	------
Molasses..........1,000 gal..	18, 836	20, 488	18, 593	21, 427	844	616	2, 581	2, 962
Tapioca starch..........1,000 lb..	7, 044	2, 346	4, 369	4, 198	215	64	361	520
Other merchandise..........	------	------	------	------	191	161	554	415
Reexports[4]..........	------	------	------	------	60	75	71	177
Gold:								
Old gold[4]..........1,000 troy oz..	2	2	------	------	37	30	------	------
Placer gold[4]..........do....	8	8	1	------	221	206	23	------

[1] May include gold and silver.
[2] Data not comparable.
[3] Reported as "Tallow."
[4] Included in total.

FINANCE

Government Receipts and Expenditures (Thousands of Pesos)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947[1]
Receipts..........	12, 367	12, 227	14, 154	16, 799	20, 939	16, 053	30, 191	45, 361	40, 225
Expenditures..........	12, 181	11, 016	13, 075	14, 782	19, 760	16, 031	30, 527	44, 333	40, 087

[1] Estimate.

Public debt.—Floating debt, no recent data available; estimated at $2,000,000 in 1941. Other debt, two dollar loans, as follows: The 1922–42 loan at 5½ percent extended to 1961, with emissions of $6,000,000 and $3,300,000, and with $7,420,000 outstanding at the end of 1939 and $5,523,000 at the end of 1946; the 1926–40 loan at 5½ percent, with two emissions of $5,000,000 each extended to 1969, and with $7,847,000 outstanding in 1939 and $5,880,000 in 1946. The Executive Power was authorized by law No. 1484 of July 19, 1947, to pay the foreign debt of the Republic, mostly by means of a bond issue of $8,200,000 (5-percent bonds of the Republic of August 1, 1947, expiring on December 31, 1948).

Banking.—Cash on hand and deposits in United States banks of the Banco de Reservas de la República Dominicana, end of years 1941 through 1947, consecutively (thousands of United States dollars): 5,705, 8,674, 12,083, 11,488, 11,476, 13,130, 11,863. Prior to 1947 this item consisted almost entirely of United States currency and deposits in United States banks; has included deposits in the Dominican Central Bank since 1946 and Dominican currency since October 1947.

Currency and exchange.—The unit of currency is the gold peso (of 100 centavos) equivalent to 0.888671 grams of fine gold and to the United States dollar. The peso has not deviated from its parity with the dollar.

United States Currency and Coins Held by Banks of the Dominican Republic (Thousands of Dollars)

December 31—	Bills	Coins	Total
1937	1, 126	141	1,348
1938	1, 167	4	1,331
1939	1, 231	8	1,484
1940	1, 555	3	1,748
1941	1, 802	102	2,021
1942	2, 927	70	3,417
1943	4, 143	19	4,374
1944	4, 501	19	4,876
1945	5, 508	4	5,512
1946	7, 083	9	7,092
1947	3, 777	132	3,965

NOTE: Until October 1947 the only notes in circulation were United States dollar notes. The first Dominican pesos were circulated in October 1947.

PRINCIPAL SOURCES

Importación de la República Dominicana.
Exportación de la República Dominicana.
Estadística Bancaria.

ECUADOR

(See general explanatory note, p. vi)

AREA AND POPULATION

Total area is estimated at approximately 104,000 square miles. Area to the west of the Andean crest, including Archipelago of Colón (3,628 square miles), is approximately 60,000 square miles. Total population, official estimate, January 1949, 3,467,399; estimate, 1945, 3,241,311; in cities: Guayaquil, 216,000; Quito, 174,300; Cuenca, 53,800; Riobamba, 28,200; Ambato, 22,300. Urban population estimated at about 35 percent of total.

Education.—Average school attendance (1944 school census figures): Elementary, 270,124; secondary and special, 8,288; universities (1942), 1,885.

AGRICULTURE

Principal crops: Rice, cacao, coffee, bananas. Other leading crops: Cereals, fruits, vegetables, sugar, and cotton. Forest products: Tagua nuts, rubber, balsa wood, and kapok. Fruits exported other than bananas: Oranges, mangoes, and pineapples.

Livestock, 1941 official estimate (thousands): Cattle, 1,185; sheep, 1,447; goats, 340; swine, 819; horses, mules, and asses, 213.

MINING AND MANUFACTURING

Manufactures other than for local consumption: Straw hats and small quantities of cotton and wool textiles, sole leather, and banana flakes.

Mineral production, 1947, with 1946 data in parentheses: Gold (fine ounces), 52,918 (73,-512); silver (fine ounces), 156,931 (254,271); petroleum (thousand barrels), 2,360 (2,322).

TRANSPORTATION AND COMMUNICATION

Railway lines, 765 miles. All-weather roads, 2,902 miles. Length of all highways estimated at 4,544 miles in 1946. Automotive vehicles, 8,430. Telegraph stations, 250; about 4,000 miles of telegraph wire. Telephone exchanges, 88; about 6,000 miles of telephone wire. Radio transmitting stations, 38.

FOREIGN TRADE

Per capita trade.—1947: Imports, $12.90; exports, $13.25.

Basis of trade statistics.—The foreign trade statistics are recorded as general imports and exports, including reexports.

The United States dollar equivalents of Ecuadoran trade values expressed in sucres were derived by the application of the following rates to the sucre:

Year	Conversion rate	Year	Conversion rate	Year	Conversion rate
1934	$0.0926	1939	$0.0674	1944	$0.0713
1935	.0946	1940	.0623	1945	.0741
1936	.0952	1941	.0667	1946	.0741
1937	.0857	1942	.0695	1947	.0741
1938	.0708	1943	.0709		

Value of Imports and Exports

Year	(Thousands of sucres)				(Thousands of dollars)			
	Total trade		Gold, silver, and specie		Total trade		Gold, silver, and specie	
	Imports	Exports, including reexports	Imports[1]	Exports, including reexports	Imports	Exports, including reexports	Imports[1]	Exports, including reexports
1934	62,697	108,463	913	25,034	5,806	10,044	85	2,318
1935	97,094	113,498	204	32,429	9,185	10,737	19	3,068
1936	117,503	146,032	(2)	38,471	11,186	13,902	(2)	3,663
1937	131,643	164,045	------	19,012	11,282	14,059	------	1,629
1938	148,315	169,096	3,315	35,869	10,501	11,972	235	2,539
1939	147,860	167,148	537	41,305	9,966	11,266	36	2,784
1940	173,753	167,851	2,583	41,364	10,825	10,457	161	2,577
1941	149,499	199,704	282	29,459	9,972	13,320	19	1,965
1942	199,715	298,690	1,513	31,811	13,880	20,759	105	2,211
1943	217,983	393,115	497	27,476	15,455	27,872	35	1,948
1944	331,156	466,631	(2)	26,460	23,611	33,271	(2)	1,887
1945	323,524	377,894	(2)	15,482	23,973	28,002	(2)	1,147
1946	414,266	537,131	(2)	24,857	30,697	39,801	(2)	1,842
1947	604,479	619,859	(2)	25,334	44,792	45,932	(2)	1,877

[1] Specie only; gold and silver not shown separately.
[2] Data not available.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Exports including reexports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total trade, including gold, silver, and specie	**11,282**	**10,501**	**30,697**	**44,792**	**14,059**	**11,972**	**39,801**	**45,932**
United States	4,464	3,633	17,801	31,856	4,664	4,490	16,842	19,480
Canada	69	48	902	1,550	2	1	47	45
United Kingdom	1,135	812	2,104	3,037	378	560	138	533
Germany	2,717	2,532	1	(1)	3,083	2,095	-------	2
France	353	458	66	539	1,760	957	52	309
Belgium	163	181	4	377	160	100	139	998
Netherlands	149	102	6	177	308	179	563	745
Italy	322	332	51	357	541	185	211	1,004
Cuba	(1)	293	594	16	81	91	5,623	1,740
Colombia	28	12	1,236	888	167	151	1,863	3,842
Venezuela	(1)	(1)	22	23	7	15	2,033	5,968
Peru	235	149	1,155	1,390	249	888	497	590
Chile	204	164	1,153	1,093	431	449	726	1,151
Uruguay	(1)	-------	268	447	742	650	1,075	868
Argentina	211	36	2,448	481	154	30	715	864
India	80	50	331	233	(1)	(1)	-------	3,408
Japan	365	775	-------	(1)	537	293	-------	-------
Philippines, Republic of the	-------	-------	-------	1	-------	-------	2,085	-------
Other countries	787	924	2,555	2,427	795	838	7,192	4,403
Percent of total:								
United States	39.6	34.6	58.0	71.1	33.2	37.5	42.3	42.4
United Kingdom	10.1	7.7	6.9	6.8	2.7	4.7	.3	1.2
Germany	24.1	24.1	(2)	(2)	21.9	17.5	-------	(2)
France	3.1	4.4	.2	1.2	12.5	8.0	.1	.7
Cuba	(2)	2.8	1.9	(2)	.6	.8	14.1	3.8
Colombia	.2	.1	4.0	2.0	1.2	1.3	4.7	8.4
Venezuela	(2)	(2)	.1	.1	(2)	.1	5.1	13.0
India	.7	.5	1.1	.5	(2)	(2)	-------	7.4
Japan	3.2	7.4	-------	(2)	3.8	2.4	-------	-------
Gold, silver, and specie:								
United States	-------	(1)	(3)	(3)	1,623	2,539	1,842	1,877
Peru	-------	(1)	(3)	(3)	6	-------	-------	-------

[1] Less than $500. [2] Less than 0.05 percent. [3] Data not available.

Imports of Principal Commodities

Commodity		Quantity		Value (thousands of dollars)	
		1937	1938	1937	1938
Imports, total, including gold, silver and specie				**11,282**	**10,501**
Lard	1,000 lb.	4,150	1,594	187	129
Hides and skins	do.	46	38	79	59
Wheat flour	1,000 bbl.	137	112	703	452
Sugar	1,000 lb.	11,707	24,401	169	392
Beverages		-------	-------	142	82
Rubber tires and tubes	1,000 lb.	561	382	178	117
Cigarettes	thousands	11,457	8,059	26	23
Cotton manufactures:					
Yarn and thread	1,000 lb.	345	242	221	97
Fabric	do.	1,512	2,535	672	891
Hosiery	1,000 pr.	448	1,210	43	75
Other		-------	-------	166	193
Hemp, linen and jute:					
Cordage	1,000 lb.	431	296	43	28
Sacks and sacking	do.	2,314	1,354	117	65
Wool fabric	1,000 sq. yd.	513	558	286	329
Silk and rayon:					
Yarn and thread	1,000 lb.	265	311	106	138
Fabric	1,000 sq. yd.	584	902	127	136
Hosiery	1,000 pr.	149	170	30	36
Wood and manufactures		-------	-------	56	48
Paper and manufactures		-------	-------	422	464
Crude petroleum	1,000 bbl.	103	254	67	171
Lubricating oil	do.	8	8	92	90

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity		Value (thousands of dollars)	
	1937	1938	1937	1938
Lubricating grease ... 1,000 lb	25	220	12	11
Paraffin and other mineral waxes ... do	3,543	2,974	108	75
Portland cement ... 1,000 bbl	59	78	69	100
Glass and glassware	----	----	178	144
Tile, brick, earthenware and porcelain manufactures	----	----	51	54
Iron and steel manufactures:				
Structural iron and steel	----	----	697	634
Other	----	----	912	705
Nonferrous metals and manufactures:				
Copper, brass and bronze	----	----	87	93
Other	----	----	108	75
Machinery and vehicles:				
Electrical machinery and apparatus	----	----	385	319
Radios ... number	1,418	1,390	46	41
Radio accessories ... 1,000 lb	8	8	7	6
Other machinery and apparatus	----	----	1,384	1,210
Automobiles ... number	618	483	351	303
Automobile chassis and parts	----	----	235	135
Railway and street cars and parts ... long tons	189	61	49	12
Railway materials, including ties ... do	511	767	66	106
Chemical and pharmaceutical products	----	----	817	685
Explosives ... 1,000 lb	750	521	75	65
Other merchandise	----	----	1,713	1,478
Specie	----	----	----	235

NOTE.—Import data by commodities not available for 1946 and 1947.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports, including reexports, total[1]	----	----	----	----	**14,059**	**11,972**	**39,801**	**45,932**
Hides and skins, and leather ... 1,000 lb	1,389	1,405	(2)	(2)	222	193	(2)	(2)
Rice ... do	2,718	44,202	147,528	138,847	52	769	15,060	14,390
Bananas ... 1,000 bunches	1,875	2,163	1,301	2,687	488	535	547	1,718
Other fresh fruits	----	----	----	----	80	102	205	142
Cacao beans ... 1,000 lb	48,013	42,217	36,434	45,760	4,284	2,781	5,553	14,008
Coffee ... do	31,010	30,221	16,833	22,915	2,109	1,183	2,582	3,803
Rubber ... do	3,184	3,465	2,925	[3] 166	347	304	1,120	[3] 73
Cinchona bark ... do	162	171	63	109	17	13	16	38
Castor beans ... do	----	(4)	805	4,377	----	(5)	45	323
Tagua ... do	76,072	42,313	29,733	28,701	1,563	506	990	1,193
Kapok ... do	750	1,389	1,348	1,405	78	131	287	311
Hats of toquilla straw ... thousands	1,824	1,387	4,945	3,116	690	441	6,079	3,570
Balsa wood ... 1,000 lb	3,016	4,138	6,130	2,491	117	151	528	207
Other woods ... do	432	316	[6] 4,475	[6] 7,460	4	3	[6] 115	[6] 315
Crude petroleum ... 1,000 bbl	1,742	1,718	1,148	948	1,884	1,867	1,353	1,178
Copper concentrates and blister ... 1,000 lb	----	----	5,557	2,276	----	----	1,339	60
Quinine and derivatives ... do			10	7	----	----	182	106
Other drugs, chemical products and pharmaceuticals ... 1,000 lb	214	143	131	245	8	6	177	289
Palm nuts (coquitas) ... do	----	----	3,675	6,948	----	----	302	840
Other merchandise	----	----	----	----	374	348	1,479	1,491
Reexports	----	----	----	----	113	100	(2)	(2)
Gold, silver, and specie:[1]								
Gold concentrates and dust ... troy ounces	362,941	383,967	355,258	433,028	1,601	1,515	1,842	1,865
Gold bars ... do	----	41,023	(2)	322	----	984	(2)	12
Silver ore ... do	----	3,194,424	(2)	(2)	----	3	(2)	(2)
Silver coins	----	----	----	----	28	----	----	----
Paper currency (foreign)	----	----	----	----	----	37	----	----

[1] Gold, silver, and specie included in total.
[2] Data not available.
[3] Represents uncompleted 1946 shipments under the Rubber Development Company agreement which expired in December 1946.
[4] Less than 500 pounds
[5] Less than $500
[6] Reported as "Hardwoods"

Principal Imports from the United States

Commodity	Quantity		Value (thousands of dollars)	
	1937	1938	1937	1938
Imports from the United States, total			**4,464**	**3,633**
Lard .... 1,000 lb	295	963	33	81
Hides and skins .... do	28	19	50	33
Wheat flour .... 1,000 bbl	112	111	529	444
Rubber tires and tubes .... 1,000 lb	462	330	147	101
Cigarettes .... thousands	11,436	8,021	25	22
Cotton fabric .... 1,000 lb	264	153	120	60
Silk and rayon:				
Fabric .... 1,000 sq. yd	127	96	24	17
Hosiery .... 1,000 pr	59	45	13	13
Paper and manufactures			71	87
Crude petroleum .... 1,000 bbl	53	131	36	80
Lubricating oil .... do	7	7	85	80
Lubricating grease .... 1,000 lb	221	201	11	10
Paraffin and other mineral waxes .... do	3,543	2,731	108	69
Iron and steel manufactures:				
Structural iron and steel			211	231
Other			246	162
Nonferrous metals and manufactures:				
Copper, brass and bronze			36	24
Other			26	28
Machinery and vehicles:				
Electrical machinery and apparatus			193	143
Radios .... number	1,037	963	33	28
Radio accessories .... 1,000 lb	7	6	6	5
Other machinery and apparatus			702	640
Automobiles .... number	441	432	321	254
Automobile chassis and parts			210	123
Railway and street cars and parts .... long tons	159	14	39	4
Railway materials, including ties .... do	306	464	48	81
Chemical and pharmaceutical products			157	163
Explosives .... 1,000 lb	725	367	71	41
Other merchandise			913	609

NOTE.—Data not available for 1946 and 1947.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports to the United States, total[1], including reexports					**4,664**	**4,490**	**16,842**	**19,480**
Rice .... 1,000 lb			18,020				1,930	
Bananas .... 1,000 bunches	1,151	1,334	441	1,601	306	331	189	1,007
Cacao beans .... 1,000 lb	12,820	9,215	16,912	31,932	1,007	581	2,664	10,112
Coffee .... do	11,457	10,637	7,512	13,274	761	401	1,237	2,193
Rubber .... do	428	725	2,925	166	36	61	1,120	73
Castor beans .... do			562	4,111			26	300
Taqua .... do	13,743	9,751	10,209	7,490	251	108	322	260
Kapok .... do	505	1,081	915	1,014	53	95	196	213
Hats of toquilla straw .... thousands	1,009	563	4,092	2,406	446	221	5,000	2,749
Balsa wood .... 1,000 lb	2,140	2,886	5,726	1,831	84	109	504	146
Copper concentrates and blister .... do			5,557	2,276			1,339	60
Other merchandise					63	36	473	490
Reexports					34	8	(2)	(2)
Gold, silver, and specie:[1]								
Gold concentrates and dust .... troy ounces	362,941	383,967	355,258	433,028	1,601	1,515	1,842	1,865
Gold bars .... do		41,023		322		984		12
Silver ore .... do		3,194,424				3		
Silver coins					22			
Paper currency (foreign)						37		

[1] Gold, silver, and specie included in total
[2] Data not available.

FINANCE

Government Receipts and Expenditures (Thousands of Sucres)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Receipts	117, 187	108, 532	109, 001	128, 985	168, 284	211, 958	252, 717	298, 813	394, 521
Expenditures	126, 769	123, 135	158, 662	148, 925	205, 621	297, 563	399, 563	494, 379	584, 622

Public debt.—Data for 1947, with 1939 data in parentheses: External debt, thousands of dollars, 38,322 (26,773); internal debt, thousands of sucres, 108,519 (24,631).

Reserve Position of the Central Bank (Thousands of Sucres)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Gold and exchange holdings:									
Included in legal reserve[1]	36, 056	52, 352	70, 428	130, 122	231, 900	288, 277	288, 144	289, 600	290, 938
Others	4, 801	26, 727	44, 717	76, 734	69, 658	179, 097	76, 810	106, 619	52, 077
Sight liabilities subject to reserve	107, 861	130, 936	189, 764	294, 801	409, 099	597, 984	589, 367	710, 669	641, 229

[1] Since 1939 has consisted exclusively of gold.

Currency and exchange.—The unit of currency is the sucre. Par value agreed with the International Monetary Fund, December 18, 1946, $0.0740741 (13.5 sucres to the dollar).

Annual Average Exchange Rates (Sucres to the Dollar)

Rate	1939	1940	1941	1942	1943	1944	1945	1946	1947
Central Bank (official)		16. 42	15. 00	14. 39	14. 10	14. 06	13. 77	14. 66	13. 77
Central Bank (free)	14. 83	15. 44							
Commercial bank rate	14. 99	15. 73							
Free rate									17. 47

PRINCIPAL SOURCES

Banco Central del Ecuador, Boletín (monthly).
Dirección Nacional de Estadística, Ecuador en Cifras, 1938–42.
Informe del Ministerio del Tesoro, Anexos, 1946.
Ministerio del Tesoro, Informe de la Nación, 1948.

GUATEMALA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 42,042 square miles. Population, official estimate, December 31, 1947, 3,678,000; 1940 census, 3,283,209. Urban population (all incorporated towns), 1940, 26.7 percent. Cities, December 31, 1946, estimate: Guatemala City, 205,669; Escuintla, 49,220; Quezaltenango, 48,891; Cobán, 45,924; Tatomicapam, 33,199; Mazatenango, 29,714; Puerto Barrios, 27,308; Antigua, 24,004; Retalhuleu, 17,455; Zacapa, 15,719.

Education.—School enrollment, 1944–45: Primary, 127,684; secondary, 1,082; normal, 1,093; technical, 3,166; collegiate and professional, 1,261.

AGRICULTURE

In 1948, 60 percent, or 28,125 square miles of total area were forested; 2,546 square miles, cultivated; and 795 square miles, in pastures. Export crops are coffee, bananas, abaca, and essential oils. Crops for domestic consumption are corn, wheat, rice, beans, and sugar. Forest products are hardwoods and chicle.

Export crops.—Exports (seasons ending in year specified), in thousand pounds: Coffee, 1935–45 average, 105,794; 1946, 109,849; 1947, 123,553; bananas, 1936–45 average, 363,630; 1946, 487,904; 1947, 639,538; chicle, 1936–45 average, 2,468; 1946, 3,968; 1947, 4,977; essential oils, 1941–45 average, 309; 1946, 327; 1947, 300; abaca, 1944–45 average, 2,800; 1946, 3,708; 1947, 6,905. Timber, including cabinet and ordinary woods (seasons ending in year specified) in thousand board feet: Exports, 1936–45 average, 3,231; 1946, 5,900; 1947, 8,629.

Subsistence crops.—Production (seasons ending in year specified), in thousand pounds: Corn, 1939–44 average, 1,311,198; 1947, 647,305; wheat, 1939–44 average, 64,107; 1947, 50,715; rice, 1939–44 average, 28,287; 1947, 9,000; beans, 1939–44 average, 152,216; 1947, 49,611; sugar, 1939–44 average, 126,590; 1947, 109,747. (Data for 1947 are official estimates.)

Livestock (thousand head), 1947, with 1938 estimates in parentheses: Cattle, 901 (532); sheep, 618 (241); swine, 374 (163); horses, mules, and asses, 214 (135); goats, 64 (22).

MINING AND MANUFACTURING

Mineral production.—Lead (thousand pounds): 1938–40 average, 189; 1945, 254; 1946, 289; 1947, 243. Chromite, (thousand pounds): 1938–40 average, 859; 1945, 977; 1946, 104; 1947, 1,378.

Statistics of Manufactures (Census)

Industry	Month of December 1946			Year 1946
	Number of establishments[1]	Persons employed[2]	Wages and salaries (dollars)	Value of production (thousands of dollars)
Mining	3	60	618	13.6
Salt	10	532	11,388	201.7
Foodstuffs	174	4,084	94,266	9,647.8
Beverages	33	2,033	86,748	10,254.4
Tobacco	28	994	25,638	3,620.0
Fats and oils	4	200	2,383	195.6
Chemicals	20	711	26,462	1,716.7
Rubber	2	185	8,429	376.5
Lumber	72	1,955	54,742	1,759.9
Paper	4	41	612	14.2
Printing, etc	23	815	44,281	1,111.1
Hides and skins	35	488	15,724	752.4
Textiles	74	4,299	106,314	5,427.4
Clothing	177	2,992	82,957	3,732.8
Production and distribution of electricity and water	6	761	45,683	1,642.4
Nonmetallic minerals	44	1,534	54,948	1,910.6
Foundries, etc	20	501	19,234	513.9
Manufacture and repair of machinery	26	424	17,517	454.8
Jewelry	4	115	4,422	99.2
Miscellaneous	17	290	9,645	358.8

[1] This census includes all industrial enterprises, other than direct agricultural and commercial, which employ 5 or more persons. In addition, there are 4,100 establishments employing less than 5 persons each, with a total personnel of 8,231 paid a total of $120,134 a month.

[2] Includes managers, technicians, employees, workers, and workers in homes.

TRANSPORTATION AND COMMUNICATION

Highways.—1948: Total, 4,378 miles; surfaced all-weather roads, 3,500 miles. Automotive vehicles, 1948: Cars, 3,486; busses and trucks, 3,389; jeeps, 242; motorcycles, etc., 1,433. In 1947, busses transported 2,451,600 interurban and 37,903,600 urban passengers.

Railways.—1948: Railway lines, 608 miles. Operational data, 1947: Passengers carried, 4,122,700; freight transported, 1,141,000 metric tons.

Air lines.—1948: Two international passenger and freight, 2 international freight, and 1 domestic passenger and freight. International air traffic, 1947: Passenger arrivals, 62,110; baggage, express, and mail entered (thousand pounds) 3,165,272. Domestic air traffic, 1947: Passengers carried, 54,370; freight transported (thousand pounds), 11,504.

Telephones, telegraphs, and radio.—Telephones, 1947: Miles of wire, 3,866; number of instruments, 3,867 (of which 867 belonged to United States fruit companies and International Railways of Central America); 2,000 additional instruments were in course of installation. Telegraphs, 1947: 4,271 miles of wire. Radio, 1948: 10 government and 16 private stations; 35,000 to 40,000 receiving sets in use.

Shipping.—Ports: Two Pacific and 2 Caribbean. Data for 1947: Entrances, 1,302 vessels carrying 2,492 passengers and 444,750 metric tons of freight; departures, 1,304 vessels carrying 2,889 passengers and 405,594 metric tons of freight.

FOREIGN TRADE

Per capita trade.—1947: Imports, $15.60; exports, $14.15.

Basis of trade statistics.—The foreign trade statistics represent general imports and domestic exports and include overseas, overland, and air shipments. Parcel-post shipments are included in imports only.

Imports are valued c. i. f., excluding duties. Import totals include but individual commodities exclude charges for freight, insurance, commissions, etc., which are estimated as 25 percent for the years 1935 through 1940 and 20 percent for 1941; the actual value is recorded for the years 1942–47. Exports are valued f. o. b., including duties.

The monetary unit employed in recording trade statistics is the quetzal, which is equivalent to the United States dollar.

Value of Imports and Exports

Year	Thousands of dollars		Year	Thousands of dollars	
	General imports[1]	Domestic exports[1]		General imports[1]	Domestic exports[1]
1935	11,999	13,901	1942	13,672	20,438
1936	14,390	16,927	1943	17,850	20,154
1937	20,929	17,905	1944	20,703	23,857
1938	20,952	18,232	1945	23,349	30,436
1939	19,120	18,782	1946	36,204	36,679
1940	15,834	12,039	1947	57,319	52,033
1941	16,099	14,503			

[1] Including gold, silver, and specie.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports			Domestic exports		
	1938	1946	1947	1938	1946	1947
Total[1]	**20,952**	**36,204**	**57,319**	**18,232**	**36,679**	**52,033**
United States	9,365	24,512	42,802	12,573	31,736	44,993
Mexico	181	3,912	3,029	------	248	18
Peru	283	1,292	1,308	2	------	------
Netherlands Antilles	104	868	1,259	------	13	32
Canada	52	983	1,234	101	1,768	2,949
El Salvador	80	942	919	46	175	305
United Kingdom	1,240	719	1,119	60	9	204
India	42	183	774	------	------	------
Brazil	3	185	502	2	3	3
Switzerland	74	242	489	35	296	128
Chile	2	325	395	22	10	46
Honduras	32	318	372	5	29	16
Sweden	295	429	354	823	1,456	1,068
Italy	281	47	342	22	28	53
Nicaragua	53	109	312	5	15	5
Belgium	311	20	284	48	370	1,304
France	318	72	277	107	------	1
Germany	7,351	(2)	3	2,633	(2)	(2)
Czechoslovakia	184	------	216	181	------	------
Argentina	3	312	189	1	1	1
Spain	38	145	168	1	------	------
Netherlands	260	14	166	942	66	379
Other countries	400	575	806	623	456	528
Percent of total:						
United States	44.7	67.7	74.6	68.9	86.5	86.5
Mexico	.9	10.8	5.3	------	.7	(3)
United Kingdom	5.9	2.0	2.0	.3	(2)	.4
Canada	.2	2.7	2.2	.6	4.8	5.7
Italy	1.3	.1	.6	.1	.1	.1
France	1.5	.2	.5	.6	------	------
Germany	33.6	(3)	(3)	14.4	(3)	(3)

[1] Including gold, silver, and specie.
[2] Less than $500.
[3] Less than 0 05 percent.

Imports of Principal Commodities, Total and from the United States

Commodity	Total imports				Imports from the United States (thousands of dollars)	
	Quantity		Value (thousands of dollars)			
	1938	1947	1938	1947	1938	1947
General imports, total[1]			20,952	57,319	9,365	(2)
Foodstuffs and beverages:						
Lard ... 1,000 lb	700	464	55	127	41	(2)
Corn ... bu	63,948	78,623	51	75	51	(2)
Wheat flour ... bbl	108,593	181,617	489	2,196	487	(2)
Alcoholic beverages	---------	---------	173	520	3	(2)
Tobacco ... 1,000 lb	79	273	35	198	34	(2)
Leather and manufactures ... do	140	113	220	352	128	(2)
Cotton:						
Raw ... do	1,444	5,008	130	1,385	87	(2)
Yarn and thread ... do	809	670	351	617	35	(2)
Fabric ... do	3,351	4,103	1,469	5,387	426	(2)
Wool fabric ... do	74	178	131	747	5	(2)
Rayon fabric ... do	229	358	154	1,178	33	(2)
Cotton bags ... do	141	435	38	330	36	(2)
Fiber bags ... do	1,926	4,031	154	733	10	(2)
Clothing ... do	288	571	485	2,067	222	(2)
Wood and lumber (except railway ties)	---------	---------	34	852	34	(2)
Matches ... 1,000 lb	411	559	204	134	---------	(2)
Paper, cardboard and manufactures ... do	5,332	9,391	488	1,495	168	(2)
Rubber and manufactures ... do	788	1,890	266	1,139	124	(2)
Petroleum ... bbl	469,104	958,836	374	1,677	250	(2)
Kerosene ... do	22,018	34,113	100	164	52	(2)
Gasoline and naphtha ... do	111,431	275,466	431	1,113	231	(2)
Lubricating oil ... do	6,182	16,373	80	262	73	(2)
Cement ... long tons	6,257	4,683	57	128	---------	(2)
Glass and glassware ... 1,000 lb	5,040	7,966	277	653	51	(2)
Porcelain ... do	267	71	37	27	2	(2)
Iron and steel and manufactures ... long tons	30,806	15,520	3,084	3,380	813	(2)
Copper, brass, bronze and manufactures ... 1,000 lb	629	699	180	395	117	(2)
Machinery, tools, vehicles and parts	---------	---------	3,403	12,195	2,317	(2)
Chemicals, pharmaceuticals and medicinal preparations ... 1,000 lb	15,063	20,897	996	3,003	472	(2)
Paints ... do	906	1,473	108	319	92	(2)
Perfumes and cosmetics ... do	165	506	119	409	32	(2)
Soap ... do	49	75	10	28	5	(2)
Fertilizers ... long tons	2,767	9,292	140	395	36	(2)
Other merchandise	---------	---------	[3] 6,629	[3] 13,639	[3] 2,898	(2)

[1] Including gold, silver, and specie.
[2] Not available.
[3] Includes charges for freight, insurance, commissions, etc., estimated as 25 percent of total imports in 1938 and amounting to $6,382,000 in 1947.

Exports of Principal Commodities, Total and to the United States

Commodity	Total exports						Exports to the United States (thousands of dollars)		
	Quantity			Value (thousands of dollars)					
	1938	1946	1947	1938	1946	1947	1938	1946	1947
Exports, total[1]				**18,232**	**36,679**	**52,033**	**12,573**	**31,736**	**44,993**
Bananas, 1,000 bunches	9,502	10,649	13,370	4,909	8,688	11,686	4,563	(2)	(2)
Coffee, 1,000 lb	108,071	109,849	123,553	11,686	20,402	31,921	6,879	(2)	(2)
Sugar, do	4,612			72			20	(2)	(2)
Honey, do	2,594	4,017	3,370	158	525	651	(3)	(2)	(2)
Essential oils, do	183	327	300	54	994	537	40	(2)	(2)
Cattle hides, do	1,137	744	937	85	126	209		(2)	(2)
Wood, 1,000 bd. ft	848	5,811	8,629	95	882	758	76	(2)	(2)
Zacate root, 1,000 lb	342	338	384	27	57	103		(2)	(2)
Chicle, do	1,713	3,968	4,976	640	2,956	3,969	640	(2)	(2)
Articles wholly or partially manufactured, do	9,094	12,095	2,616	247	827	458	122	(2)	(2)
Cinchona bark, do		989	888		134	97		(2)	(2)
Gold				192	1	2	192	(2)	(2)
Silver					34	15		(2)	(2)
Other merchandise				67	1,053	1,627	41		

[1] Including gold and silver.
[2] Not available.
[3] Less than $500.

FINANCE

Government Revenues and Expenditures (Thousands of Quetzales)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Revenues	12,357	11,611	11,953	12,627	15,499	16,103	20,661	35,021	43,565
Expenditures	8,836	9,093	11,462	11,891	14,671	14,919	23,406	30,960	36,797

Public Debt Outstanding

December 31–	External		Internal (1,000 quetzales)
	(1,000 £ sterling)	(1,000 quetzales)	
1938	1,520	6,709	2,515
1939	1,520	3,403	1,522
1940	1,520	3,364	824
1941	1,520	3,284	684
1942	1,520	3,192	685
1943	1,520	3,224	780
1944	(1)	(1)	(1)
1945		(2)	(2)
1946		848	1,339
1947		800	3,046

[1] Figures not available. In June 1944, total redemption of the sterling debt and of the 1927 "Railway Loan" bonds (1,838,349 quetzales as of December 31, 1943) was authorized, and a total of 8,500,000 quetzales was made available for this purpose. By September 25, 1945, the Railway bonds had been virtually all redeemed and the sterling balance outstanding, including interest, was only £435,519. The unredeemed sterling balance was canceled by a decree of that date issued by the new Government which had taken over in October 1944.
[2] Breakdown not available; total public debt reported as 3,204,000 quetzales.

Means of Payment (Thousands of Quetzales)

December 31—	Money supply	Bank deposits subject to check	Total	December 31—	Money supply	Bank deposits subject to check	Total
1938	9, 554	9, 383	18, 937	1943	19, 044	25, 692	44, 736
1939	9, 896	10, 255	20, 151	1944	23, 822	22, 696	46, 518
1940	9, 949	11, 610	21, 559	1945	28, 532	26, 996	55, 528
1941	12, 542	12, 802	25, 344	1946	32, 010	40, 126	72, 136
1942	16, 399	19, 374	35, 773	1947	33, 174	44, 043	77, 217

International Reserves of the Central Bank [1] (Thousands of Dollars)

December 31—	Gold			Foreign exchange	Total
	Held locally	In United States	Total gold		
1938	2, 463	2, 544	5, 007	2, 077	7, 084
1939	2, 473	3, 802	6, 275	2, 474	8, 749
1940	2, 484	5, 357	7, 841	2, 045	9, 886
1941	2, 494	7, 101	9, 595	3, 507	13, 102
1942	2, 498	15, 191	17, 689	5, 230	22, 919
1943	2, 501	20, 284	22, 785	5, 982	28, 767
1944	2, 504	24, 216	26, 720	4. 107	30, 827
1945	2, 509	24, 218	26, 727	11, 244	37, 971
1946	4, 258	24, 219	28, 477	13, 477	41, 954
1947	4, 258	22, 971	27, 229	[2] 23, 073	50, 302

[1] In 1946 the note-issuing authority and gold and foreign exchange reserves of the half state, half private Central Bank (Banco Central) were transferred to the newly established state bank, Banco de Guatemala. Thus, figures in table are for the latter from 1946 on.

[2] Includes $1,250,000 deposit in International Monetary Fund.

Currency and Exchange.—The unit of currency is the quetzal; parity established with the International Monetary Fund, December 18, 1946, as equal to the United States dollar. The exchange value has been equal to $1 in all recent years.

PRINCIPAL SOURCES

Síntesis Geográfico-Estadística.

Boletín de la Dirección General de Estadística, Guatemala (monthly).

Memoria de las Labores del Poder Ejecutivo en El Ramo de Hacienda y Crédito Público, Guatemala (annual).

HAITI

(See general explanatory note, p. vi)

AREA AND POPULATION

Area estimated at approximately 10,700 square miles, including dependent islands of La Tortue, La Gonâve, Les Cayemites, Ile-á-Vache, and La Grande Caye.

Population, estimated by Haitian National Public Health Service at 3,000,000 (1918 census figure of 1,631,250 considered incomplete), 95 percent of whom are Negroes and 5 percent mulattoes. Urban population (towns of 1,000 inhabitants or more) about 10 percent. Principal cities, 1947 estimates: Port-au-Prince, 125,000; Cap Haïtien, 20,000; Aux Cayes, 20,000; Gonaïves, 15,000; St. Marc, 15,000; Jérémie, 12,000; Port-de-Paix, 10,000; and Jacmel, 10,000.

School enrollment, 1943–44, 103,040 students, in 1,027 schools, of which 988 were primary, 30 secondary, and 9 of higher learning. Literacy estimated at 15 percent of the population.

AGRICULTURE

Principal export crops: Coffee, sisal, bananas, and raw sugar, accounting for over 75 percent of total 1947–48 export values. Other important export crops include raw cotton, cacao, castor seeds, and cottonseed.

Livestock, 1945 estimate unless otherwise stated (thousands): Cattle, 200; goats, 1,010; sheep, 14; swine, 360 (1936); horses, mules, and asses, 1,113 (1936).

MANUFACTURING

The most important manufacturing activities are those associated with the first-processing of agricultural products for export, such as coffee, sisal, and essential oils. Other industrial small scale activities: Relatively important handicraft industry producing mahogany ware, sisal handbags and shoes; a textile mill (12,000 spindles, 400 looms), with a productive capacity of about 4,000,000 yards per year (8-hour day); a cigarette factory; 4 sawmills; 11 electric power plants; small plants manufacturing, for domestic consumption, lumber, furniture, common bricks, roof and floor tiles, crude hardware, and lime.

TRANSPORTATION AND COMMUNICATION

Highways.—Estimated road mileage, 1944, 29,162, with only 1,830 suitable for motor vehicles. Number of registered automotive vehicles, 1947: Passenger cars, 2,208; trucks, 519; busses, 204; motorcycles, 831.

Railways.—Total trackage, 184 miles, including 121 of the one common carrier, and 63 of industrial and port railways. Equipment of common carrier, 1944, 9 steam locomotives, 8 passenger cars, 38 freight cars, and 4 motor railcars.

Aviation.—No strictly commercial domestic air line, although Haitian Air Corps is authorized to carry mail and passengers between inland points at fares fixed by Government. Domestic air traffic data not available. Foreign air traffic, 1945–46: Number of planes landing in and leaving Haiti, 3,436; passengers, incoming, 3,693, and outgoing, 3,832; air express (packages), incoming, 7,428, and outgoing, 5,493.

Maritime traffic.—Number of vessels (1945–46) entering Haitian ports, 634, clearing 511,385 tons (786 vessels and 191,402 tons cleared in 1944–45).

Posts, telephones, telegraphs and radio.—Number of post offices (1939), 96. Telephone lines (1941), 2,500 miles; instruments (1946), 2,080. Automatic telephone system in Port-au-Prince, Cap Haïtien, Jacmel, and Aux Cayes. Telegrams transmitted through telephone system. Three commercial radio communication companies, under control of Haitian Government. Radio receiving sets, 1942, estimated at 3,800.

FOREIGN TRADE

Per capita trade.—1946–47 (fiscal year ended September 30): Imports, $9.10; exports, $10.70.

Basis of trade statistics.—The foreign trade statistics represent general imports for consumption and warehouse entries, and total exports including both domestic exports and reexports. Parcel-post, air shipments, and bullion and specie are included. Imports are valued c. i. f. port of entry. Exports are valued f. o. b. port of shipment or frontier, including export duties.

The United States dollar equivalents were derived by conversion of the gourde at 5 gourdes per United States dollar, or $0.20 per gourde.

Value of Imports and Exports

Year[1]	Thousands of gourdes		Thousands of dollars		Year	Thousands of gourdes		Thousands of dollars	
	Imports[2]	Exports[3]	Imports[2]	Exports[3]		Imports[2]	Exports[3]	Imports[2]	Exports[3]
1934	45,685	51,546	9,137	10,309	1941	37,156	33,286	7,431	6,657
1935	41,162	35,629	8,232	7,126	1942	42,285	42,886	8,457	8,577
1936	37,921	47,238	7,584	9,448	1943	49,203	53,073	9,841	10,615
1937	46,076	44,854	9,215	8,971	1944	80,155	80,542	16,031	16,108
1938	37,974	34,732	7,595	6,946	1945	65,770	85,562	13,154	17,112
1939	40,904	36,338	8,131	7,268	1946	79,608	115,470	15,922	23,094
1940	39,700	26,995	7,940	5,399	1947	136,152	160,681	27,230	32,136

[1] Fiscal year ended September 30 of year stated.
[2] Imports include gold, silver, and specie, not reported separately in source.
[3] Including reexports.

Trade With Principal Countries (Thousands of Dollars)
[Fiscal years ended September 30 of years stated]

Country	Imports[1]				Exports[2]			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**9,215**	**7,595**	**15,922**	**27,230**	**8,971**	**6,946**	**23,094**	**32,138**
United States	4,698	4,126	13,688	23,915	2,500	2,972	14,278	19,282
United Kingdom	1,641	1,176	117	184	1,449	944	1,679	2,937
Cuba	20	27	83	142	(3)	(3)	1,743	106
Colombia	(3)	(3)	14	14	--------	--------	1,746	84
Belgium	254	218	11	184	1,125	866	1,168	3,566
Canada	194	181	337	865	58	11	549	38
Switzerland	18	14	50	97	88	80	650	580
Curaçao	168	115	322	649	30	44	94	106
Argentina	26	25	436	73	--------	6	18	11
India	32	41	279	176	--------	(3)	5	--------
Norway	44	20	--------	14	82	74	372	2,602
Italy	97	72	(3)	46	729	75	359	1,308
Mexico	(3)	(3)	200	300	(3)	(3)	20	4
Sweden	8	22	98	29	196	93	69	188
Netherlands	203	126	3	81	192	190	40	548
Japan	644	404	--------	--------	187	153	--------	--------
Germany	650	488	--------	(3)	374	143	(3)	--------
France	224	252	28	168	1,463	802	9	306
Denmark	21	19	5	52	417	372	--------	(3)
China	37	20	33	9	--------	--------	--------	1
Czechoslovakia	61	72	(3)	1	5	38	--------	--------
Finland	5	7	31	11	12	34	--------	--------
Puerto Rico	39	57	104	52	(3)	(3)	35	58
Bahama Islands	4	4	16	37	7	9	68	110
Venezuela	(3)	--------	7	2	--------	(3)	58	42
Dominican Republic	20	24	6	5	2	(3)	44	17
Other countries	107	85	54	124	55	40	90	179
Percent of total:								
United States	51.0	54.3	86.0	87.8	27.9	42.8	61.8	60.0
United Kingdom	17.8	15.5	.7	.7	16.1	13.6	7.3	9.1
Belgium	2.8	2.9	.1	.7	12.5	12.5	5.0	11.1
France	2.4	3.3	.2	.6	16.3	11.5	(4)	1.0
Germany	7.0	6.4	--------	(4)	4.2	2.0	(4)	--------
Italy	1.0	.9	(4)	.2	8.1	1.1	1.6	4.1
Netherlands	2.2	1.7	(4)	.3	2.1	2.7	.2	1.7
Japan	7.0	5.3	--------	--------	2.1	2.2	--------	--------
Mexico	(4)	(4)	1.3	1.1	(4)	(4)	.1	(4)
Cuba	.2	.3	.5	.5	(4)	(4)	7.5	.3
Colombia	(4)	(4)	.1	(4)	--------	--------	7.6	.3
Canada	2.1	2.4	2.1	3.2	.6	.2	2.4	.1
Curaçao	1.8	1.5	2.0	2.4	.3	.6	.4	.3
Norway	.5	.3	--------	(4)	.9	1.1	1.6	8.1
Switzerland	.2	.2	.3	.4	1.0	.1	2.8	1.8

[1] Includes gold, silver, and specie, not reported separately in source.
[2] Includes reexports.
[3] Less than $500.
[4] Less than 0.05 percent.

Imports of Principal Commodities

[Fiscal years ended September 30 of years stated]

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
General imports, total[1]					**9,215**	**7,595**	**15,922**	**27,230**
Cement ... 1,000 bbl	53	27	58	56	97	64	228	300
Chemical and pharmaceutical products (excl. oils, fats, and waxes)					183	191	415	692
Cotton and manufactures:								
Cloth, plain or twilled ... 1,000 lb	7,374	5,683	3,661	6,262	2,726	2,083	3,020	7,279
Other					458	396	616	815
Foodstuffs:								
Milk, fresh, condensed, and malted ... 1,000 lb	238	232	598	959	29	23	107	203
Butter ... do	263	251	212	175	67	68	92	108
Confectionery ... do	95	86	83	116	21	20	28	50
Edible oils ... do	126	157	318	123	22	21	64	44
Fish, including canned ... do	7,553	5,973	943	3,999	262	226	68	393
Lard ... do	595	618	841	847	86	71	180	285
Liquors and beverages ... 1,000 gal	69	68	67	81	65	63	100	153
Meat, including canned ... 1,000 lb	609	528	171	165	75	65	46	58
Rice ... do	3,310	2,235	(2)	(2)	85	63	(3)	(3)
Spices ... do	202	166	151	329	22	19	59	134
Wheat flour ... 1,000 bbl	119	84	186	167	822	554	1,806	2,401
Glass and glassware					48	44	257	707
Hats and caps					57	49	36	87
Iron and steel and manufactures					499	414	936	1,629
Jute bags ... 1,000 lb	1,544	1,515	2,857	1,022	111	109	363	195
Matches ... do	225	211	384	238	34	34	131	86
Machinery and apparatus:								
Agricultural, including tools and implements					140	155	125	262
Other					456	436	1,400	1,010
Oils, fats, and waxes, inedible					82	39	57	225
Oils, mineral:								
Fuel oil ... 1,000 bbl	40	17	52	67	90	38	118	214
Gasoline ... do	63	48	72	93	205	161	231	338
Kerosene ... do	27	22	25	25	148	127	68	120
Lubricating oil ... do	7	3	4	4	53	40	73	87
Other					19	16	53	69
Paints, pigments, varnishes, inks, colors, and dyes					87	74	182	303
Paper and manufactures					119	121	400	338
Perfumery, cosmetics, and other toilet preparations					85	83	212	352
Rubber tires and tubes ... 1,000 lb	232	233	712	745	84	85	426	430
Shoes, leather ... 1,000 pr	55	53	10	36	56	52	32	109
Silk and manufactures					56	46	294	824
Soap ... 1,000 lb	7,101	6,852	5,231	5,333	359	351	599	947
Tobacco:								
Cigarettes ... thousands	21,227	29,444	73,646	103,386	54	78	210	327
Cigars ... do	4	8	50	64	(3)	1	13	7
Leaf ... 1,000 lb	21	20	285	185	4	5	152	124
Other					56	41	36	57
Vehicles:								
Automobiles, passenger ... number	207	113	143	252	165	103	162	372
Trucks ... do	100	95	227	334	85	76	342	582
Other					58	60	176	294
Wood and manufactures					231	123	55	48
Wool, bristles, hair and manufactures					48	35	71	123
Other merchandise					706	672	1,883	4,049

[1] Including gold, silver, and specie, not reported separately in source.
[2] Less than 500 pounds.
[3] Less than $500.

Exports of Principal Commodities

[Fiscal years ended September 30 of years stated]

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports, including reexports, total					**8,971**	**6,946**	**23,094**	**32,136**
Bananas, 1,000 stems	1,327	1,363	5,859	7,302	376	400	4,023	6,130
Cacao, 1,000 lb	3,166	3,453	2,765	4,194	200	139	248	773
Castor beans, do	29	238	4,379	7,091	(1)	4	205	611
Coconuts, grated and dessicated, do	(2)	(2)	662	339	(2)	(2)	297	144
Coffee, do	54,689	55,253	53,533	54,364	4,678	3,465	7,630	12,131
Cotton, do	11,886	10,322	10,732	591	1,533	1,052	1,747	155
Cottonseed cake, long tons	6,247	4,966	3,098	1,795	130	83	169	118
Essential oils, 1,000 lb	2	2	82	133	3	1	500	539
Goatskins, do	462	357	470	587	156	90	155	293
Honey, do	923	878	1,023	364	29	29	101	68
Logwood, do	34,568	19,596	5,070	11,147	129	74	134	60
Mahogany handicraft articles, do	(3)	(3)	438	241	(3)	(3)	333	210
Molasses, do	23,903	35,049	33,555	29,158	78	119	374	326
Palm leaf braid, do	(3)	(3)	207	119	(3)	(3)	199	81
Rice, do	(4)	(4)	2,357	1,544	(1)	(1)	178	152
Sisal fiber, do	13,662	15,924	37,084	46,642	764	647	2,948	5,671
Sisal handbags, do	(2)	(2)	528	196	(2)	(2)	381	132
Sisal shoes, do	(2)	(2)	460	326	(2)	(2)	665	416
Sugar, raw, do	69,155	73,811	45,563	57,547	777	746	1,675	2,835
Sugar, refined, do	2,285	2,003	(4)	1	40	33	(1)	(1)
Other merchandise					70	63	861	653
Reexports					8	1	271	638

[1] Less than $500.
[2] Not shown separately.
[3] Not reported in source.
[4] Less than 500 pounds.

Trade With the United States by Principal Commodities

[Fiscal years ended September 30 of years stated]

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports from the United States, total[1]					**4,698**	**4,126**	**13,688**	23,915
Cement, 1,000 bbl	(2)	2	50	32	1	6	204	181
Chemical and pharmaceutical products (excl. oils, fats, and waxes)					69	76	340	578
Cotton and manufactures:								
Cloth, plain or twilled, 1,000 lb	2,616	3,145	3,505	6,178	987	1,027	2,867	7,154
Other					188	142	541	723
Foodstuffs:								
Milk, fresh, condensed, or malted, 1,000 lb	189	181	597	956	21	19	106	200
Confectionery, do	73	58	80	79	16	13	28	33
Edible oils, do	42	43	193	121	6	5	38	43
Fish, including canned, do	3,504	1,936	466	1,759	107	66	41	196
Lard, do	547	612	728	847	79	70	158	285
Liquors and beverages, 1,000 gal	13	18	56	51	10	14	70	66
Meat, including canned, 1,000 lb	356	253	97	78	50	37	29	29
Spices, do	164	146	59	122	18	16	19	41
Wheat flour, 1,000 bbl	116	82	180	151	798	543	1,741	2,157
Glass and glassware					24	21	249	666
Hats and caps					22	22	33	54
Iron and steel and manufactures					240	241	866	1,400
Jute bags, 1,000 lb	284	147	629	276	22	12	87	60
Machinery and apparatus:								
Agricultural, including tools and implements					28	57	116	239
Other					348	369	1,379	990
Oils, fats and waxes, inedible					19	10	41	223
Oils, mineral:								
Fuel oil, 1,000 bbl	28	3	1	8	67	9	4	34
Gasoline, do	9	6	1	1	46	39	14	7
Kerosene, do	17	15	2	4	120	104	20	58
Lubricating oil, do	3	2	3	4	43	37	71	84
Other					17	15	44	50

See footnotes at end of table.

Trade With the United States by Principal Commodities—Continued
[Fiscal years ended September 30 of years stated]

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Imports from the United States—Continued								
Paints, pigments, varnishes, inks, colors, and dyes	-------	-------	-------	-------	52	49	177	286
Paper and manufactures	-------	-------	-------	-------	60	53	318	265
Perfumery, cosmetics, and other toilet preparations	-------	-------	-------	-------	46	36	186	289
Rubber tires and tubes ... 1,000 lb	166	163	699	697	59	59	419	396
Shoes, leather ... 1,000 pr	23	19	7	32	36	30	25	98
Silk and manufactures	-------	-------	-------	-------	26	20	272	786
Soap ... 1,000 lb	713	605	1,826	3,567	35	29	199	624
Tobacco:								
Cigars and cigarettes ... thousands	21,224	29,397	73,644	103,388	54	78	218	328
Leaf ... 1,000 lb	21	20	285	185	4	5	152	124
Other	-------	-------	-------	-------	56	40	36	57
Vehicles:								
Automobiles, passenger ... number	200	111	143	252	159	102	162	372
Trucks ... do	100	94	227	333	85	74	342	580
Other	-------	-------	-------	-------	51	52	173	277
Wood and manufactures	-------	-------	-------	-------	208	109	52	44
Wool, bristles, hair, and manufactures	-------	-------	-------	-------	15	12	66	116
Other merchandise	-------	-------	-------	-------	406	408	1,785	3,722
Exports to the United States, total, including reexports	-------	-------	-------	-------	**2,500**	**2,972**	**14,278**	**19,282**
Bananas ... 1,000 stems	1,327	1,363	5,859	7,302	375	400	4,023	6,130
Cacao ... 1,000 lb	3,053	2,967	2,278	3,971	193	123	209	732
Castor beans ... do	29	238	4,278	6,936	(3)	4	202	587
Coconuts, grated and dessicated ... do	(4)	(4)	662	323	(4)	(4)	297	138
Coffee ... do	10,221	19,523	21,814	15,901	818	1,215	3,130	3,483
Cottonseed cake ... long tons	-------	-------	2,439	920	-------	-------	121	52
Essential oils ... 1,000 lb	(2)	1	81	132	(3)	(3)	499	536
Goatskins ... do	459	357	460	578	156	90	152	288
Honey ... do	1	1	497	364	(3)	(3)	57	67
Logwood ... do	23,269	12,598	5,071	11,147	90	43	134	60
Mahogany handicraft articles ... do	(5)	(5)	372	160	(5)	(5)	283	142
Molasses ... do	23,903	35,049	33,555	29,158	78	119	374	326
Palm leaf braid ... do	(5)	(5)	203	118	(5)	(5)	195	81
Sisal fiber ... do	11,926	14,947	36,068	43,034	667	610	2,858	5,264
Sisal handbags ... do	(4)	(4)	495	184	(4)	(4)	349	116
Sisal shoes ... do	(4)	(4)	432	301	(4)	(4)	631	372
Sugar, raw and refined ... do	7,594	31,585	(2)	1	91	346	(3)	(3)
Other merchandise	-------	-------	-------	-------	32	22	624	412
Reexports	-------	-------	-------	-------	(3)	(3)	140	496

[1] May include gold, silver, and specie, not reported separately in source.
[2] Less than 500 pounds.
[3] Less than $500.
[4] Not shown separately.
[5] Not reported in source.

FINANCE

Government Revenues and Expenditures (Thousands of Gourdes)
[Fiscal years ended September 30]

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948[1]
Receipts	31,146	26,873	26,930	25,599	32,729	42,370	41,890	44,557	65,266	51,752
Expenditures	29,585	28,479	25,566	27,726	28,030	42,021	42,516	40,377	60,438	51,749

[1] Estimated.

Public Debt as of September 30

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
External debt......1,000 gourdes..	48, 515	57, 350	64, 472	66, 846	66, 797	56, 838	49, 313	45, 826	11, 350
Internal debt..............do....	3, 623	3, 623	3, 623	3, 623	3, 623	3, 623	3, 623	3, 623	38, 631
Total.................do....	52, 138	60, 973	68, 095	70, 469	70, 420	60, 460	52, 936	49, 449	49, 981
Total, dollar equivalent 1,000 dollars..	10, 427	12, 174	13, 619	14, 094	14, 084	12, 092	10, 587	9, 890	9, 996

Gold and Exchange Position, Commercial Department of the Banque Nationale de la République D'Haïti (Thousands of Gourdes)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Assets									
Included among reserves:									
Dollars or metallic gold..	3, 549	4, 633	9, 307	12, 825	18, 472	18, 323	22, 634	29, 194	20, 511
Nonreserve holdings:									
Gold and exchange in Haiti..............	--------	--------	4	83	134	153	159	85	134
Gold and exchange abroad	9, 003	8, 528	14, 274	13, 177	15, 678	19, 852	32, 254	36, 281	22, 352
Liabilities									
Gourdes in circulation........	7, 990	8, 213	13, 170	18, 359	23, 102	24, 143	25, 840	35, 266	29, 384
Demand and savings deposits	8, 910	10, 559	11, 197	14, 623	22, 100	24, 654	31, 828	27, 881	27, 310

Currency and exchange.—The unit of currency is the gourde, equivalent to $0.20, United States currency. This relationship to the dollar has been maintained throughout recent years.

PRINCIPAL SOURCES

Annual Report of the Fiscal Department, National Bank of Haiti.
Monthly Bulletin of the Fiscal Department, National Bank of Haiti.

HONDURAS

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 59,159 square miles. Population, June 30, 1947, estimate, 1,240,000; June 30, 1945 census, 1,200,542 (1940 census, 1,107,859); 71 percent rural. Cities, 1945 census: Tegucigalpa, 55,755; San Pedro Sula, 22,116; La Ceiba, 12,185; Tela, 10,454; Puerto Cortes, 7,955; Santa Rosa de Copán, 7,992; Progreso, 6,921; Choluteca, 5,275; Comayagua, 4,828. Illiteracy, about 66 percent of the population over 7 years old (census of 1945).

AGRICULTURE, MINING, LUMBERING, AND MANUFACTURING

Principal export crops: Bananas, coffee, abaca fiber, and coconuts. (For quantities exported see section on foreign trade.) Principal crops for domestic consumption, production in 1946–47 (thousand pounds): Corn, 423,311; kafircorn, 94,161; beans, 37,622; sugarcane, 49,978; rice, 22,323; tobacco, 6,938.

Livestock, 1947 estimate (thousands): Cattle, 918; swine, 323; horses and mules, 245; sheep and goats, 35.

Minerals.—Silver, from one large mine, is the second most important export (2,449,871 troy ounces exported in 1946–47), ranking after bananas. Gold is produced by placer mining. Many other minerals are found, including antimony and excellent iron ore, but exploitation is negligible.

Logging and lumbering.—High-grade mahogany and other hardwoods are produced for export; pine lumber has been manufactured in considerable quantity since the war for local use and exportation. (For quantities exported see section on foreign trade.)

Manufacturing.—Beverages, cigarettes, shoes, soap, shortening, and other products are locally manufactured to supply a part of domestic requirements.

TRANSPORTATION AND COMMUNICATION

Air lines.—1947: 13,293,658 pounds of freight and 68,229 passengers carried.

Railways.—Limited to Caribbean coastal area; 731 miles total trackage as of June 1947.

Highways.—Approximately 850 miles of improved earth, all-weather roads, as of June 1947, including entire Honduran section of Pan American Highway (95 miles).

Posts, telegraphs, and telephones.—Post offices, 347, handling 5,781,915 pieces of mail in year ending June 30, 1947. Telegraph: 296 offices, 5,398 miles of telegraph lines, and 466 miles of combined telephone-telegraph lines as of June 1947; number of messages sent, 2,671,013 in year ended June 30, 1947. Telephones: 3,326 miles of line excluding combined telephone-telegraph lines; 3,998 instruments as of June 30, 1947. Seven radiotelegraph stations connecting island ports with mainland cities.

FOREIGN TRADE

Per capita trade.—1946–47: Imports, $23.75; exports, $14.10.

Basis of trade statistics.—The foreign trade statistics are recorded as general imports and exports, including nationalized products, i. e., reexports. The term reexports in the statistics refers to merchandise entering Honduran ports without clearing customs and later returned to the country of origin.

Honduran statistics prior to 1937–38 are recorded for fiscal year ended July 31 and for 1938–39 and subsequent years, fiscal year ended June 30.

The monetary unit employed in recording trade statistics is the lempira, which is convertible at 2 lempiras to the United States dollar, or $0.50 per lempira.

Value of Imports and Exports

Year[1]	Thousands of lempiras				Thousands of dollars			
	Total trade		Gold, silver, and specie		Total trade		Gold, silver, and specie	
	Imports	Exports, including reexports	Imports	Exports, including reexports	Imports	Exports, including reexports	Imports	Exports, including reexports
1933-34	16,764	24,799	(2)	3,847	8,382	12,400	52	1,923
1934-35	19,171	21,017	(2)	3,774	9,586	10,508	121	1,887
1935-36	17,446	18,430	(2)	4,444	8,723	9,215	510	2,222
1936-37	20,775	19,283	(2)	4,329	10,387	9,641	500	2,165
1937-38	20,686	16,332	(2)	4,179	10,343	8,166	[3] 400	2,089
1938-39	19,407	19,734	(2)	4,909	9,703	9,867	2	2,454
1939-40	20,170	19,315	(2)	4,622	10,085	9,657	(4)	2,311
1940-41	20,509	20,237	------------	4,558	10,255	10,118	------------	2,279
1941-42	22,313	18,984	------------	4,341	11,156	9,492	------------	2,171
1942-43	20,519	8,752	1,755	1,469	10,259	4,376	878	734
1943-44	26,696	18,925	2,240	4,307	13,348	9,463	1,120	2,154
1944-45	30,395	24,266	3,900	4,258	15,197	12,133	1,950	2,129
1945-46	39,152	28,219	1,425	5,073	19,576	14,109	712	2,536
1946-47	58,861	35,004	1,800	4,830	29,430	17,502	900	2,415

[1] Data for 1933-34—1937-38 are reported for fiscal year ended July 31; 1938-39 and subsequent years are reported for fiscal year ended June 30.
[2] Not available.
[3] Data cover 11 months only, August through June.
[4] Less than $500.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports				Exports, including reexports			
	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]
Total trade, including gold, silver, and specie	**10, 343**	**9, 703**	**19, 576**	**29, 430**	**8, 166**	**9, 867**	**14, 109**	**17, 502**
United States	6, 347	6, 333	14, 389	22, 792	7, 105	8, 949	10, 580	11, 152
Japan	954	584	------	------	23	22	------	------
Germany	1, 177	1, 103	------	4	217	191	------	5
United Kingdom	310	309	212	318	142	180	------	59
Netherlands Antilles	424	379	689	933	------	------	------	------
Cuba	61	22	180	854	2	2	33	949
Mexico	3	5	1, 190	1, 227	9	10	142	108
El Salvador	353	479	1, 553	1, 770	240	252	1, 427	1, 629
Canada	44	5	60	193	------	103	1, 418	2, 362
Other countries	670	484	1, 303	1, 339	428	158	509	1, 238
Percent of total:								
United States	61. 4	65. 3	73. 5	77. 4	87. 0	90. 7	75. 0	63. 7
Japan	9. 2	6. 0	------	------	. 3	. 2	------	------
Germany	11. 4	11. 4	------	------	2. 7	1. 9	------	(2)
United Kingdom	3. 0	3. 2	1. 1	1. 1	1. 7	1. 8	------	. 3
Mexico	(2)	. 1	6. 1	4. 2	. 1	. 1	1. 0	. 6
El Salvador	3. 4	4. 9	7. 9	6. 0	2. 9	2. 5	10. 1	9. 3
Canada	. 4	. 1	. 3	. 7	------	1. 0	10. 1	13. 5
Gold, silver, and specie:								
United States	400	2	712	900	[3] 1, 916	2, 454	2, 535	2, 415
United Kingdom	------	--	------	1	------	------	------	------
Guatemala	------	------	------	------	[3] 4	------	1	------

[1] Fiscal year ended June 30 [2] Less than 0.05 percent. [3] Data cover 11 months only, August through June.

Imports of Principal Commodities

Commodity		Quantity			Value (thousands of dollars)		
		1938–39[1]	1945–46[1]	1946–47[1]	1938–39[1]	1945–46[1]	1946–47[1]
General imports, total[2]					**9, 703**	**19, 576**	**29, 430**
Milk preparations	1,000 lb	428	683	733	52	157	193
Wheat	1,000 bu	159	191	97	119	329	228
Wheat flour	1,000 bbl	176	384	430	70	287	475
Malt	1,000 lb	136	1, 251	1, 514	4	75	125
Fruits, fresh, dried, and conserved	do	574	536	865	345	74	116
Sugar	do	11, 069	6, 275	10, 387	227	812	988
Wines, including champagne	1,000 gal	33	38	58	24	53	96
Liquors	do	36	181	228	92	246	407
Hides and skins, tanned	1,000 lb	237	189	166	187	281	268
Leather shoes	do	96	150	131	84	150	167
Cotton yarn and thread	do	123	84	95	99	137	155
Cotton fabrics	do	4, 411	2, 493	3, 507	1, 322	2, 385	4, 251
Wool fabrics	do	27	32	64	46	116	219
Silk and rayon fabrics	do	122	90	308	86	192	899
Hosiery	do	63	47	60	101	132	214
Hats	do	104	127	107	69	115	143
Wood, unmanufactured	do	20, 033	3, 852	11, 030	223	91	135
Paper and cardboard	do	2, 202	2, 900	2, 675	124	236	381
Petroleum products:							
Gasoline	1,000 bbl	52	68	82	190	267	317
Crude oil	do	675	604	678	509	691	976
Lubricating oil	do	5	32	11	75	170	133
Cement	barrels	28, 021	55, 325	73, 327	39	115	205
Lime	1,000 lb	19, 452	18, 881	14, 022	106	145	99
Iron and steel:							
Bars, ingots, slabs, and sheets	long tons	321	461	608	29	63	88
Structural shapes	do	488	1, 085	2, 239	32	87	228
Tubes, pipes and fittings	do	5, 630	12, 574	7, 941	534	1, 003	818
Water pumps, power and hand	do	265	170	415	204	141	382
Wire fencing, including barbed wire	1,000 lb	1, 067	868	1, 995	43	52	107
Aluminum sheets and wire	do	1	(3)	795	1	(4)	257
Slate, zinc, galvanized iron and aluminum sheets for roofs	1,000 lb	1, 831	1, 562	2, 094	96	74	211
Railroad and streetcar equipment	long tons	1, 136	7, 314	3, 627	36	605	410
Airplanes, accessories, and parts	1,000 lb	69	46	42	58	69	67

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity 1938-39[1]	Quantity 1945-46[1]	Quantity 1946-47[1]	Value (thousands of dollars) 1938-39[1]	Value 1945-46[1]	Value 1946-47[1]
Automobiles, trucks, and accessories:						
Automobiles and trucks .... long tons	197	470	1,459	90	263	898
Accessories and parts (incl. tubes) 1,000 lb	206	289	456	63	116	216
Tires .... do	231	365	711	78	176	401
Motors for steam and electricity .... do	101	200	531	44	115	366
Agricultural, mining, and road-building machinery .... long tons	198	524	1,264	136	303	796
Tools used in agriculture and mining 1,000 lb	361	481	812	58	67	126
Machetes and pruning knives .... do	90	111	232	40	53	117
Household and industrial machinery:						
Manufacturing machinery and parts long tons	25	86	148	23	79	155
Heavy machinery and parts .... do	106	421	752	39	238	441
Office machines and parts .... 1,000 lb	16	21	125	23	37	81
Chemicals and pharmaceutical products:						
Copper sulfate .... long tons	8,385	7,276	8,201	685	795	935
Pharmaceutical specialties (registered)	------	------	------	183	547	552
Other	------	------	------	338	455	464
Paint, enamel, and varnish .... 1,000 lb	626	1,188	911	81	173	172
Fertilizers .... do	3,947	9,273	22,173	57	229	443
Explosives, fuses, and blasting caps .... do	931	916	1,359	128	119	191
Soaps .... do	132	178	167	22	44	48
Perfumes and toilet waters .... do	53	76	93	21	51	80
Cosmetics and other toilet preparations .... do	71	186	252	34	108	114
Other merchandise	------	------	------	2,332	5,546	8,146
Gold, silver, and specie:						
Silver bars .... troy ounces	16	------	------	(4)	------	------
Silver coins .... 1,000 lb	------	------	54	------	------	900
Silver coins, foreign .... do	------	42	------	------	712	------
Copper coins .... do	2	------	------	2	------	------

[1] Fiscal year ended June 30.
[2] Includes gold, silver, and specie.
[3] Less than 500 pounds.
[4] Less than $500.

Exports of Principal Commodities

Commodity	Quantity 1938-39[1]	Quantity 1945-46[1]	Quantity 1946-47[1]	Value (thousands of dollars) 1938-39[1]	Value 1945-46[1]	Value 1946-47[1]
Exports, including reexports, total[2]	------	------	------	**9,867**	**14,109**	**17,500**
Cattle .... number	(3)	29,897	35,573	142	540	564
Hogs .... do	(3)	14,008	40,000	6	150	294
Rice .... 1,000 lb	------	728	4,856	------	55	464
Bananas .... 1,000 bunches	12,537	12,296	16,046	6,245	6,148	8,005
Coconuts .... thousands	4,387	17,724	18,387	54	1,498	1,645
Coffee .... 1,000 lb	4,231	8,387	4,214	248	912	561
Citronella oil .... do	------	118	80	------	332	294
Leaf tobacco .... do	2,152	2,921	3,737	59	259	273
Cigars .... thousands	56,196	67,954	83,797	50	154	144
Abaca fiber .... 1,000 lb	------	3,181	3,959	------	314	288
Mahogany wood .... 1,000 bd. ft	2,863	2,334	3,034	41	176	274
Pine wood .... do	------	4,106	25,178	------	152	774
Mineral tailings .... 1,000 lb	2,621	75	36	379	3	1
Other merchandise	------	------	------	188	713	1,289
Reexports	------	------	------	1	167	215
Gold, silver, and specie:						
Gold amalgam .... 1,000 troy oz			10	664	------	332
Gold bars .... do		------	------	59	------	------
Gold plates .... do		------	------	2	------	------
Gold nuggets .... do	[4] 24	15	4	38	518	115
Gold scrap .... do		------	------	5	------	------
Gold powdered .... do		------	------	10	------	------
Silver amalgam .... do		------	1,829	1,582	------	1,479
Silver bars .... do	[5] 4,387	2,989	620	93	2,018	489
Silver coins .... do	(3)	------	------	1	------	------

[1] Fiscal year ended June 30.
[2] Includes gold, silver, and specie.
[3] Data not available.
[4] Reported as gold.
[5] Reported as silver.

Principal Imports from the United States

Commodity	Quantity			Value (thousands of dollars)		
	1938–39[1]	1945–46[1]	1946–47[1]	1938–39[1]	1945–46[1]	1946–47[1]
Imports from the United States, total[2]				**6,333**	**14,389**	**[illegible]**
Milk preparations ... 1,000 lb.	422	681	730	51	156	[illegible]
Wheat ... 1,000 bu.	159	191	93	119	329	[illegible]
Wheat flour ... 1,000 bbl.	175	376	367	69	281	[illegible]
Fruits, fresh, dried, and conserved ... 1,000 lb.	564	528	769	34	73	[illegible]
Hides and skins, tanned ... do.	210	95	55	163	141	[illegible]
Cotton fabrics ... do.	2,020	960	2,300	697	793	[illegible]
Wool fabrics ... do.	1	4	48	2	11	[illegible]
Silk and rayon fabrics ... do.	21	85	280	28	167	[illegible]
Hosiery ... do.	24	33	51	65	105	[illegible]
Wood, unmanufactured ... do.	16,455	1,782	3,800	217	57	[illegible]
Paper and cardboard ... do.	1,468	1,946	2,206	77	227	[illegible]
Petroleum products:						
Gasoline ... 1,000 bbl.	30	29	41	87	123	[illegible]
Crude oil ... do.	117	5	29	109	20	[illegible]
Lubricating oil ... do.	5	8	8	75	139	[illegible]
Cement ... barrels	6,367	55,306	59,172	9	115	[illegible]
Lime ... 1,000 lb.	8	18,881	14,022	(3)	145	[illegible]
Iron and steel:						
Bars, ingots, slabs, and sheets ... long tons	226	459	558	21	63	[illegible]
Structural shapes ... do.	347	1,083	2,208	23	86	[illegible]
Tubes, pipes, and fittings ... do.	933	12,570	7,844	128	1,003	[illegible]
Water pumps, power, and hand ... do.	264	170	414	202	141	[illegible]
Wire fencing, including barbed wire ... 1,000 lb.	640	867	1,981	24	52	[illegible]
Aluminum sheets and wire ... do.	1	(4)	795	1	(3)	[illegible]
Slate, zinc, galvanized iron and aluminum sheets for roofs ... 1,000 lb.	641	1,562	1,842	26	74	[illegible]
Railroad and streetcar equipment ... long tons	173	6,329	3,627	25	588	[illegible]
Airplanes, accessories and parts ... 1,000 lb.	55	35	31	58	66	[illegible]
Automobiles, trucks, and accessories:						
Automobiles and trucks ... long tons	194	470	1,416	89	263	[illegible]
Accessories and parts (including tubes) ... 1,000 lb.	203	287	450	62	116	[illegible]
Tires ... do.	221	365	680	74	176	[illegible]
Motors for steam and electricity ... do.	87	197	521	38	114	[illegible]
Agricultural, mining and road-building machinery ... long tons	186	486	1,256	129	287	[illegible]
Tools used in agriculture and mining ... 1,000 lb.	359	481	788	57	67	[illegible]
Machetes and pruning knives ... do.	87	111	232	39	53	[illegible]
Household and industrial machinery:						
Manufacturing machinery and parts ... long tons	11	85	129	12	79	[illegible]
Heavy machinery and parts ... do.	41	406	747	37	229	[illegible]
Office machines and parts ... 1,000 lb.	15	21	121	21	36	[illegible]
Chemicals and pharmaceutical products:						
Copper sulfate ... long tons	7,425	7,276	8,201	597	795	[illegible]
Pharmaceutical specialties (registered)	-----	-----	-----	112	524	[illegible]
Other	-----	-----	-----	238	420	[illegible]
Paint, enamel, and varnish ... 1,000 lb.	579	1,187	905	76	173	[illegible]
Fertilizers ... do.	3,946	5,170	11,572	57	165	[illegible]
Explosives, fuses and blasting caps ... do.	930	912	1,354	128	117	[illegible]
Soaps ... do.	129	178	167	21	44	[illegible]
Perfumes and toilet waters ... do.	39	69	84	10	42	[illegible]
Cosmetics and other toilet preparations ... do.	59	169	241	26	95	[illegible]
Other merchandise	-----	-----	-----	2,198	4,927	[illegible]
Gold, silver, and specie:						
Silver bars ... troy ounces	16	-----	-----	(3)	-----	[illegible]
Silver coins ... 1,000 lb.	-----	-----	54	-----	-----	-----
Silver coins, foreign ... do.	-----	42	-----	-----	712	-----
Copper coins ... do.	2	-----	-----	2	-----	-----

[1] Fiscal year ended June 30.
[2] Including gold, silver, and specie.
[3] Less than $500.
[4] Less than 500 pounds.

Principal Exports to the United States

Commodity	Quantity 1938-39[1]	Quantity 1945-46[1]	Quantity 1946-47[1]	Value (thousands of dollars) 1938-39[1]	Value (thousands of dollars) 1945-46[1]	Value (thousands of dollars) 1946-47[1]
Exports to the United States, total[2]	----------	----------	----------	**8,949**	**10,580**	**11,152**
Deerskins .... 1,000 lb.	53	77	174	9	20	57
Bananas .... 1,000 bunches	11,957	9,491	11,406	5,955	4,745	5,685
Coconuts .... thousands	4,243	17,293	15,867	53	1,461	1,435
Coffee .... 1,000 lb.	537	6,899	2,591	37	785	396
Citronella oil .... do	(3)	118	80	(3)	332	274
Abaca fiber .... do	(3)	3,181	3,959	(3)	314	288
Mahogany wood .... 1,000 bd. ft.	2,785	2,321	2,817	39	174	232
Cedar wood .... do	117	41	1,463	1	2	78
Mineral tailings .... 1,000 lb.	2,620	75	36	379	3	1
Other merchandise	----------	----------	----------	23	205	243
Reexports	----------	----------	----------	(3)	4	48
Gold, silver, and specie:						
Gold amalgam .... 1,000 troy oz.	} [4] 24	{ ----------	10	} [4] 778	{ ----------	332
Gold nuggets .... do		15	4		518	115
Silver amalgam .... do	} 4,387	{ ----------	1,829	} 1,675	{ ----------	1,479
Silver bars .... do		2,989	620		2,017	489
Silver coins .... do	(3)	----------	----------	(3)	----------	----------

[1] Fiscal year ended June 30.
[2] Including gold, silver, and specie.
[3] Data not available.
[4] Reported as gold.

FINANCE

Government Revenues and Expenditures, Years Ended June 30 (Thousands of Lempiras)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Revenues	11,440	11,217	10,765	11,499	10,939	13,248	14,739	17,477	23,168
Expenditures	12,306	12,040	11,279	11,481	11,134	12,570	15,341	16,760	20,715

Public Debt (Thousands of Lempiras)

Outstanding as of June 30—	External	Internal: Funded	Internal: Floating	Total
1938	5,924	5,012	9,797	20,733
1939	5,524	5,352	7,631	18,507
1940	5,124	4,885	7,422	17,431
1941	4,724	4,572	7,975	17,271
1942	4,324	3,997	8,816	17,137
1943	3,924	3,845	9,469	17,238
1944	3,524	3,593	6,441	13,558
1945	3,124	3,322	7,344	13,790
1946	2,724	3,160	7,670	12,554
1947	2,324	2,700	7,653	12,677

Honduran Reserve Fund, End of Year (Thousands of Dollars)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Gold coins	109	109	109	109	109	109	109	109	109
Deposits in United States Exchange Control Commission	882	1,221	1,333	1,430	1,555	1,730	1,830	2,115	2,340
Total	991	1,330	1,442	1,539	1,664	1,839	1,939	2,224	2,449

Currency and exchange.—The unit of currency is the lempira, par value announced by the International Monetary Fund, December 18, 1946, $0.50. The selling rate in Honduras throughout recent years has been 2.04 lempiras to the dollar.

Monetary Supply (Thousands of Lempiras)

December 31—	Honduran coins	Honduran currency	United States coins	Total
1940	9,580	2,120	----------	11,700
1941	9,580	1,661	----------	11,241
1942	9,580	2,913	----------	12,493
1943	9,580	2,233	4,645	16,458
1944	9,580	2,787	7,525	19,892
1945	9,580	2,765	11,020	23,365
1946	9,580	2,950	11,020	23,550
1947	9,580	2,950	13,290	25,820
1948	9,580	2,950	13,388	25,918

PRINCIPAL SOURCES

Informe de Hacienda, Crédito Público, y Comercio (annual).
Resumen del Censo General de Población (1945 census).
"Informe" on agriculture, industry, and labor (annual).
Memoria del Ramo de Hacienda, Crédito Público y Comercio, República de Honduras.

MEXICO

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, including island possessions, 760,373 square miles. Population, 1948 official estimate, 23,876,000; June 1947 estimate, 23,319,298; census data: 1940, 19,653,552; 1930, 16,552,722; 1921, 14,334,780; 1910, 15,160,369; 1900, 13,607,277. Urban population (towns of 2,500 or over), 1940, 35.5 percent. Population economically active (exclusive of housewives, domestic and nonsalaried workers), 1940, 29.81 percent; 1947, 29.78 percent. Cities, 1940:

México, D. F., 1,448,422	Aguascalientes, 82,234	Pachuca, 53,354	Jalapa, 39,530
Guadalajara, 229,235	San Luis Potosí, 77,161	Saltillo, 49,430	Querétaro, 33,629
Monterrey, 186,092	Torreón, 75,796	Ciudad Juárez, 48,881	Durango, 33,412
Puebla, 138,491	León, 74,155	Orizaba, 47,910	Mazatlán, 32,117
Mérida, 98,852	Veracruz, 71,720	Morelia, 44,304	Irapuato, 32,377
Tampico, 82,475	Chihuahua, 56,805	Toluca, 43,429	Atzcapotzalco, 31,496

Education.—Population of school age, grades 1 to 6, official estimate 1944, 5,143,838. Federal, State, municipal, and private schools, 1944, with available 1938 data in parentheses: Primary, number of schools, 20,783 (22,553); number of teachers, 52,091; number of pupils, 2,394,950 (2,059,231). Secondary, industrial, commercial, agricultural, and others, 1942, number of schools, 225; number of pupils, 45,635. Institutions of higher learning, 1944, 29. National University of Mexico, 1944, 17 schools with a total enrollment of 21,676.

Illiteracy.—1944 estimate, 35 to 40 percent.

AGRICULTURE

Hydrologic areas of Mexico (thousand acres): Arid: 253,232; semiarid, 148,452; semihumid, 51,103; humid, 32,984; total national area, 485,771.

Areas under cultivation (thousand acres), 1946: Irrigated, 4,250; humid (adequate natural water supply), 1,250; dry-farming, 18,500; total, 24,000; 1940 census total, 23,813. Value of agricultural production from cultivated areas (thousand pesos): 1946, 2,439,500; 1940 census (1939 data), 826,481 (including tree and bush crops from uncultivated productive areas).

Areas in forests (thousand acres), 1940 census, 95,517, of which 4,413 were exploited. Value of forestry production (thousand pesos): 1939, 73,926; 1945, 185,761.

Principal crops harvested, 1945 with 1940 data in parentheses: Acreage (thousand acres), 15,845 (14,590); value of crop production (thousand pesos), 2,100,975 (689,664).

Land grants, 1916 through 1945 (see Foreign Commerce Yearbook, 1937, page 249, for definition and discussion of "ejido" lands): Final possessions granted, 20,179, benefiting 1,812,936 persons; total acreage (thousand acres): Granted, 87,739; delivered, 75,370.

Grants made in 1946 were estimated at 929,528 acres, benefiting 11,162 persons. Total acreage granted and delivered at end of 1946: Approximately 76,300,000, benefiting about 1,824,098 persons.

Livestock, 1940 census, with 1930 census in parentheses (thousands): Cattle, 11,663 (10,083); goats, 6,854 (6,644); swine, 5,030 (3,698); sheep, 4,464 (3,674); horses, 2,502 (1,887); asses, 2,331 (2,160); mules, 926 (751); poultry, 36,382; bees, 985. Official estimates: December 31, 1946—cattle, 12,420; goats, 6,885; swine, 5,314; sheep, 4,742; Feb. 2, 1949—cattle, 15,000; goats, 9,000; swine, 7,000; sheep, 6,000.

Principal Crops: Area and Production

[Yearly averages and years]

Crop	Area (thousands of acres)						Production (thousands of units—bushels, except as indicated)					
	1939-42	1943	1944	1945	1946	1947[1]	1939-42	1943	1944	1945	1946	1947[1]
Alfalfa	103	115	120	120	121	127	[2] 1,761	[2] 1,964	[2] 2,037	[2] 2,100	[2] 2,126	[2] 2,231
Bananas	91	93	94	99	100	100	[2] 459	[2] 451	[2] 440	[2] 456	[2] 456	[2] 464
Barley	345	336	333	357	356	358	4,338	3,599	3,667	3,902	3,790	4,051
Beans	1,663	1,685	2,025	1,798	1,813	1,798	5,393	5,776	6,723	5,935	5,088	7,010
Chickpeas	255	306	312	337	384	353	2,695	2,800	3,266	3,653	3,889	4,092
Coffee[3]	316	320	333	334	334	335	[4] 117,568	[4] 115,115	[4] 132,018	[4] 120,382	[4] 125,415	[4] 122,135
Corn	8,550	7,618	8,290	8,527	8,187	8,678	79,672	71,185	91,258	86,136	93,800	100,363
Cotton	737	1,010	962	904	809	839	[4] 174,147	[4] 254,920	[4] 233,463	[4] 213,589	[4] 201,921	[4] 202,824
Henequen	273	330	341	349	345	345	[2] 99	[2] 132	[2] 130	[2] 106	[2] 108	[2] 112
Oranges	29	29	30	46	64	62	[2] 207	[2] 220	[2] 233	[2] 294	[2] 342	[2] 351
Potatoes	52	66	67	68	68	69	3,230	4,532	4,583	4,655	4,570	4,710
Rice[3]	137	162	168	147	157	182	5,179	5,609	5,105	5,933	6,832	7,309
Sesame seed	227	273	317	293	282	325	[2] 47	[2] 55	[2] 66	[2] 58	[2] 62	[2] 66
Sugarcane	269	342	345	348	365	339	[2] 5,501	[2] 6,858	[2] 6,754	[2] 6,742	[2] 7,197	[2] 8,412
Tobacco	50	59	81	81	91	90	[4] 47,362	[4] 55,029	[4] 69,867	[4] 74,021	[4] 79,225	[4] 76,720
Tomatoes	60	155	93	102	99	103	[2] 110	[2] 173	[2] 209	[2] 224	[2] 225	[2] 241
Wheat	1,451	1,259	1,303	1,158	1,027	1,365	16,524	13,388	13,741	12,726	12,508	14,881

[1] Preliminary data, except for bananas, chickpeas, henequen, and tobacco, which are official estimates.
[2] Unit, metric ton.
[3] Seasons ended following year.
[4] Unit, pound.

MINING

Value of mineral and metal production, yearly averages and years (thousand pesos).—Total, excluding coal and petroleum: 1939–40, 621,198; 1941–45, 717,614; 1946, 637,899; 1947, 1,084,238. Coal: 1939–40, 15,612; 1941 and 1945, 18,221. Petroleum: 1939–40, 183,877; 1941–45, 149,475; 1946, 177,639; 1947, 202,914.

Mineral and Metal Production

Product		1939–40, average	1941–45, average	1946	1947
Gold	1,000 troy oz.	963	727	472	521
Silver	do.	80,534	86,261	48,953	66,067
Copper[1]	metric tons	40,996	50,576	61,053	63,492
Lead[1]	do.	207,879	192,401	140,143	223,145
Zinc[1]	do.	124,560	194,024	139,535	195,814
Antimony[1]	do.	10,070	11,240	6,572	6,926
Graphite	do.	11,071	18,006	21,949	27,984
Mercury[1]	do.	328	850	402	334
Arsenic	do.	8,165	16,397	9,649	9,686
Cadmium	do.	821	860	717	779
Tin[1]	do.	322	303	267	174
Tungsten[2]	do.	106	130	45	46
Molybdenum[1]	do.	694	1,234	1,364	227
Iron[1]	do.	90,736	134,840	170,776	226,064
Manganese[1]	do.	167	16,603	11,342	14,182
Bismuth	do.	174	145	76	255
Coal	1,000 metric tons	846	923	978	1,055
Petroleum	1,000 bbl.	43,467	38,947	49,235	56,284

[1] Data are for metallic content of ore extracted.
[2] Data are for tungsten trioxide content of ore extracted.

INDUSTRY AND MANUFACTURING

Principal Characteristics of the Industrial Census of 1930, 1935, and 1940, and of the Industrial Survey of 1944[1]

Census	Number of establishments	Number of personnel employed	Pesos: Salaries and wages paid	Pesos: Value of capital investments	Pesos: Value of production
Manufacturing and extractive industries, total:					
1930[2]	48,850	318,763	181,061,777	979,529,483	914,948,100
1935[2]	6,916	318,041	285,752,591	1,669,761,225	1,889,791,578
1940[2]	13,510	389,953	568,371,289	3,134,907,342	3,115,388,581
1944[2]	51,128	593,970	1,125,135,504	4,351,593,041	5,341,763,866

[1] These censuses include all extractive and manufacturing industries for which a comparison could be made according to classes. The 1944 Industrial Survey contains preliminary 1945 census data.
[2] The census of 1930 and the survey of 1944 include all types of establishments, regardless of size; the censuses of 1935 and 1940 contain only those establishments having an annual production valued at 10,000 pesos or more.

Mexican Industrial Census, 1940

Industry	Number of establishments	Number of personnel employed	Thousands of pesos: Wages paid	Value of capital investments	Value of raw materials: National	Value of raw materials: Imported	Value of production
Manufacturing[1]:							
Fibers, ginning and textiles	1,060	84,057	108,119	250,850	231,511	53,600	485,165
Iron and steel production, metal products, and metal workshops	463	37,998	62,636	139,409	37,661	58,351	203,218
Building and construction materials	193	9,860	12,205	31,375	6,252	762	39,477
Clothing and toilet articles	828	17,941	16,798	29,764	42,369	7,496	85,083
Food and beverage products	8,595	76,030	66,498	297,332	337,331	33,709	640,043
Lumber and wood products	374	11,397	9,602	24,396	14,960	3,935	37,846
Ceramics and glass	50	4,379	7,163	12,934	1,520	3,067	20,659
Leather and skins	174	3,125	3,731	9,930	15,978	2,590	27,492
Electricity[2]	292	11,352	25,790	1,272,275	1,100	2,243	148,212
Chemicals and related products	400	12,991	22,163	68,060	42,180	37,379	151,292
Paper and paper products	73	5,002	7,422	25,629	5,937	14,013	41,402
Graphic arts, photography, and motion pictures	332	9,829	16,512	25,323	13,856	4,183	44,185
Tobacco	53	4,160	7,497	54,687	17,000	5,113	69,677
Jewelry and objects of art	14	339	403	349	510	341	1,522
Optics	8	51	57	331	8	411	705
Other industries	45	2,079	3,038	65,866	6,435	1,036	13,642
Total	12,954	290,590	369,634	2,308,510	774,608	228,229	2,009,622
Extractive:							
Metallic mineral mines and metallurgical plants	447	99,363	122,063	591,865	601,733	21,760	753,919
Coal mines, coal distillates, and derivatives	18	4,158	7,957	35,065	7,772	1,249	26,709
Nonmetallic mines	27	1,063	1,056	1,455	44	-------	1,607
Salt mines	31	2,439	1,288	6,795	-------	-------	4,204
Petroleum and natural gas	33	23,451	66,368	191,213	86,103	12,176	254,401
Total	556	130,474	198,732	826,393	695,652	35,185	1,040,840
Electric power plants[3]:							
For service of mining and metallurgy	24	632	752	18,553	-------	-------	10,145
For public service	149	6,476	16,408	891,321	-------	-------	99,174
Total	173	7,108	17,160	909,874	-------	-------	109,319
Grand total	13,683	428,172	585,526	4,044,777	1,470,260	263,414	3,159,781

[1] Manufacturing establishments having an annual production valued at 10,000 pesos or more.
[2] Exclusive of generating plants.
[3] Preliminary figures.

TRANSPORTATION AND COMMUNICATION

Statistics of Railways [1]

Item	1938–1942, average	1943	1944	1945	1946	1947
Number of railway companies	[2] 35	(3)	[4] 21	(3)	(3)	(3)
Number of person employed	[2] 64,361	(3)	[4] 69,182	(3)	(3)	(3)
Salaries and wages paid .... 1,000 pesos	(3)	(3)	[4] 204,671	(3)	(3)	(3)
Value of investments .... do	[2] 556,986	(3)	[4] 579,055	(3)	(3)	(3)
Receipts .... do	[2] 221,761	(3)	[4] 413,726	(3)	(3)	(3)
Expenditures .... do	[2] 231,737	(3)	(3)	(3)	(3)	(3)
Number of locomotives	[2] 1,398	(3)	[4] 1,266	(3)	(3)	(3)
Number of passenger cars	[2] 1,528	(3)	[4] 1,363	(3)	(3)	(3)
Number of freight cars	[2] 20,584	(3)	[4] 19,961	(3)	(3)	(3)
Length of line .... miles[5]	14,423	14,238	14,285	14,263	14,264	[6] 14,264
Passengers carried .... thousands	29,373	36,054	37,975	34,977	[6] 33,140	[6] 32,428
Freight carried .... 1,000 metric tons	15,527	21,343	20,222	20,701	[6] 21,067	[6] 21,864
Freight-ton-miles .... millions	3,743	5,028	5,091	4,986	[6] 5,085	[6] 5,383

[1] Principal system is the National Railways of Mexico.
[2] First Census of Transportation, 1940. Data as of December 31, 1939.
[3] Data not available.
[4] Survey of Industry, 1944. (Preliminary 1945 Census data.)
[5] Including trunk lines, branches, and auxiliary lines.
[6] Preliminary data.

Statistics of Highways and Motor Vehicles, December 31

Item	1940–1942, average	1943	1944	1945	1946	1947
Status of highways (miles):						
Laid out	10,192	13,546	14,448	15,145	15,929	(1)
With earthworks of sand or clay	7,415	9,790	10,619	11,266	12,149	13,044
With culverts, bridges, and like construction	6,000	7,973	8,707	9,307	10,268	(1)
With graveled surface (all-weather roads)	6,234	8,485	9,299	9,913	10,855	11,942
With paved surface	3,505	4,383	4,950	5,168	5,503	6,053
Registration of automotive vehicles:						
Automobiles .... thousands	104	112	112	113	121	134
Busses .... do	11	11	12	12	13	15
Trucks .... do	49	55	57	60	72	86
Motorcycles .... do	4	3	3	3	4	4

[1] Not available.

Statistics of Road Transportation Companies

Item	1940[1]		1944[2]	
	Passenger	Freight	Passenger	Freight
Companies .... number	697	273	1,848	3,439
Vehicles .... do	5,848	2,206	5,619	5,859
Personnel employed .... do	19,361	6,297	18,059	13,119
Salaries and wages paid .... 1,000 pesos	(3)	(3)	45,066	23,938
Value of capital investment .... do	30,206	6,947	67,445	37,504
Receipts .... do	75,296	16,740	124,431	67,835
Expenditures .... do	59,173	12,584	(3)	(3)
Passengers carried .... thousands	551,379	----------	(3)	----------
Freight carried .... 1,000 metric tons	----------	5,357	----------	(3)

[1] First Census of Transportation, 1940. Data as of December 31, 1939.
[2] Survey of Industry, 1944. (Preliminary 1945 census data.)
[3] Not available.

Shipping and Mexican Merchant Marine Data

Item	1938–42, average	1943	1944	1945	1946	1947
Shipping:						
Entrances of vessels into Mexican ports number of vessels	12,589	13,397	14,062	14,942	14,862	(1)
Departure of vessels from Mexican ports number of vessels	12,552	13,351	13,327	14,054	14,097	(1)
Total freight carried by incoming vessels 1,000 metric tons	3,760	1,550	1,937	2,014	2,622	2,261
Total freight carried by outgoing vessels 1,000 metric tons	4,056	2,373	2,442	2,893	3,729	4,297
Freight carried in direct international trade 1,000 metric tons	2,956	1,204	1,416	2,102	2,658	3,746 (covers this row and the next)
Frieght carried in coastwise trade by ocean vessels 1,000 metric tons	281	3	14	12	72	
Freight carried in coastwise trade by coasting vessels 1,000 metric tons	2,033	2,714	2,948	2,794	3,620	2,762
Merchant marine:						
Number of vessels[2]	[3] 305	(1)	(1)	536	554	[4] 598
Net tonnage of vessels	72,689	(1)	(1)	94,149	97,572	97,272

[1] Not available.
[2] Includes vessels, tugs, cargo boats, and tankers.
[3] December 31, 1941.
[4] Preliminary data.

Statistics of Civil Aviation[1]

Item	1938–42, average	1943	1944	1945	1946	1947
Number of aviation companies	[2] 11	(3)	[4] 12	(3)	(3)	(3)
Personnel number	[2] 827	(3)	[4] 2,478	(3)	(3)	(3)
Salaries and wages paid 1,000 pesos	(3)	(3)	[4] 12,678	(3)	(3)	(3)
Value of investments do	[2] 8,819	(3)	[4] 23,429	(3)	(3)	(3)
Value of receipts do	[2] 7,339	(3)	[4] 31,371	(3)	(3)	(3)
Value of expenditures do	[2] 7,489	(3)	(3)	(3)	(3)	(3)
Number of airplanes	[2] 76	(3)	[4] 108	(3)	(3)	(3)
Number of flights thousands	34	46	49	61	(3)	57
Distance flown 1,000 miles	6,153	11,268	12,626	16,819	(3)	21,437
Passenger-miles flown do	40,926	108,621	132,097	191,372	(3)	309,314
Hours flown thousands	62	91	103	129	(3)	143
Passengers carried do	111	254	300	413	(3)	774
Mail carried 1,000 lb	720	953	1,016	1,149	706	1,440
Express and freight carried do	9,337	12,540	11,808	16,629	1,124	29,646
Baggage carried do	4,145	9,084	10,875	12,801	23,109	25,289

[1] Domestic and international.
[2] First Census of Transportation, 1940. Data as of 1939.
[3] Data not available.
[4] Survey of Industry, 1944. (Preliminary 1945 Census data.)

Postal, Telegraph, Telephone, and Radio Statistics
(Government and private lines)

Item	1938-41, average	1942-44, average	1945	1946	1947
Postal service:					
Number of offices	3, 741	(1)	4, 019	4, 043	(1)
Pieces of mail, thousands	338	(1)	(1)	(1)	(1)
Telegraph service:					
Number of offices:					
Government	535	(1)	641	659	(1)
Private	1, 138	(1)	(1)	(1)	(1)
Length of wire, miles	103, 003	(1)	[2] 67, 647	[2] 67, 354	(1)
Local messages sent[2], thousands	18, 273	(1)	(1)	(1)	(1)
Foreign messages sent[2], do	490	(1)	(1)	(1)	(1)
Telephone service:					
Number of offices	439	(1)	399	388	(1)
Length of wire, miles:					
Government	3, 359	(1)	3, 450	3, 086	
Private	687, 286	(1)	(1)	(1)	(1)
Number of instruments	171, 102	(1)	(1)	214, 376	(1)
Radiotelegraph service:					
Number of radiotelegraph stations	[3] 34	(1)	40	41	(1)
Radio broadcasting stations[4]:					
Long-wave	[5] 120	138	149	155	180
Short-wave	10	11	12	13	18
Number of radios in use:					
Radio receiving sets	[5] 460, 000	[7] 560, 000	750, 000	(1)	920, 000
Radiophonograph combinations	(1)	(1)	(1)	(1)	32, 000
Automobile radios	(1)	(1)	(1)	(1)	22, 000

[1] Data not available.
[2] Government lines only.
[3] 1941 only.
[4] Estimated.
[5] 1940–41.
[6] 1940 only.
[7] 1942 only.

FOREIGN TRADE

Per capita trade.—1947: Imports, $28.55; exports, $19.00.

Basis of trade statistics.—Imports are general imports; exports include reexports, but exclude transit trade. Parcel post is included in imports and excluded from exports. Import values are declared as per consular invoice c. i. f. Mexican frontier or port of entry. Export values are f. o. b. port of shipment, excluding export tax for commodities other than petroleum and metals. In 1938 and earlier years, petroleum and derivatives are valued on the basis of average monthly price quotations in New York for similar products less the export tax, transportation costs, and other expenses, namely, the estimated value of the product at port of shipment. Beginning in 1939 petroleum and its derivatives are valued according to information provided by the Departamento de Control y Estadística de Petróleos Mexicanos. Metals are valued, through 1940, on the arithmetic monthly average of daily quotations in New York converted to national currency at the monthly quotation for the dollar. In 1941 and later years, a calculated value is applied to the metallic content of the metal products exported. Values are based on data provided by the Comité de Aforos y Subsidios.

Foreign trade values have been converted from Mexican pesos to United States dollars at the following rates: 1934–36, $0.2785; 1937, $0.2817; 1938, $0.2337; 1939, $0.2024; 1940, $0.2020; 1941, $0.2058; 1942–47, $0.2060.

Value of Imports and Exports

Year	Thousands of pesos				Thousands of dollars			
	General imports	Exports including reexports	Gold, silver, and specie[1]		General imports	Exports including reexports	Gold, silver, and specie[1]	
			Imports	Exports			Imports	Exports
1934	333, 974	643, 710	6, 484	196, 121	93, 012	179, 273	1, 806	54, 842
1935	406, 136	750, 292	30, 123	227, 969	113, 109	208, 956	8, 389	63, 489
1936	464, 143	775, 313	17	204, 528	129, 264	215, 925	5	56, 961
1937	613, 755	892, 388	9	200, 759	172, 895	251, 386	3	56, 554
1938	494, 118	838, 128	246	273, 533	115, 475	195, 871	58	63, 925
1939	629, 708	914, 390	1	279, 722	127, 453	185, 073	(2)	56, 617
1940	669, 016	960, 041	113	327, 147	135, 141	193, 928	23	66, 084
1941	915, 110	729, 516	46	172, 055	188, 330	150, 134	10	35, 409
1942	753, 039	989, 725	905	245, 557	155, 126	203, 883	186	50, 585
1943	909, 583	1, 130, 229	42, 158	51, 310	187, 374	232, 827	8, 685	10, 570
1944	1, 895, 198	1, 046, 985	546, 535	35, 126	390, 411	215, 679	112, 586	7, 236
1945	1, 604, 404	1, 271, 878	51	69, 994	330, 507	262, 007	10	14, 419
1946	2, 636, 787	1, 915, 261	6	477, 755	543, 178	394, 544	1	98, 418
1947[3]	3, 230, 294	2, 150, 936	23	295, 099	665, 441	443, 093	5	60, 790

[1] Reported as merchandise.
[2] Less than $500.
[3] Preliminary figures.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports					Exports, including reexports				
	1937	1938	1945	1946	1947	1937	1938	1945	1946	1947
Total trade (including gold, silver and specie)	**172, 895**	**115, 475**	**330, 507**	**543, 178**	**665, 441**	**251, 386**	**195, 871**	**262, 007**	**394, 544**	**443, 093**
United States	107, 463	66, 589	272, 238	454, 113	588, 392	141, 347	132, 005	218, 763	281, 421	340, 998
Belgium	1, 831	1, 632	72	1, 153	2, 618	11, 513	9, 130	24	1, 900	(1)
France	5, 708	4, 661	85	1, 916	5, 278	5, 946	4, 467	53	1, 480	3, 458
Germany	27, 782	21, 836	3	10	(1)	23, 630	15, 063	-------	(2)	(1)
United Kingdom	8, 045	4, 712	4, 875	10, 417	13, 479	27, 771	18, 475	213	2, 028	8, 082
Italy	1, 694	2, 246	1	965	1, 946	1, 023	1, 271	8	93	(1)
Netherlands	1, 938	1, 109	(2)	448	2, 031	7, 106	3, 861	56	913	(1)
Portugal	266	432	704	2, 134	1, 790	110	87	(2)	2, 658	1, 737
Spain	726	496	3, 102	3, 978	4, 230	235	24	102	193	508
Sweden	2, 453	2, 720	3, 735	8, 367	9, 370	1, 813	1, 281	805	3, 282	4, 806
Switzerland	2, 355	1, 849	3, 660	5, 296	8, 221	3	52	25	45	(1)
Syria	6	12	(2)	18	(1)	1	5	1	22, 223	(1)
Australia	539	697	5, 104	3, 176	2, 681	1, 800	359	4	(2)	(1)
Canada	1, 867	1, 205	7, 356	7, 162	9, 441	92	39	1, 802	1, 805	433
Cuba	86	25	4, 397	14, 469	570	1, 092	590	7, 530	6, 380	6, 109
Guatemala	35	25	1, 420	1, 320	483	262	61	6, 552	10, 422	5, 534
Argentina	551	408	13, 687	16, 420	3, 630	116	78	4, 006	21, 303	12, 999
Brazil	26	24	1, 082	2, 583	1, 088	1, 957	285	142	788	1, 642
Chile	93	94	786	490	933	594	125	949	1, 883	1, 090
Colombia	11	5	1, 377	895	20	29	64	2, 905	2, 266	1, 122
Peru	1	(2)	4, 444	1, 893	194	16	21	1, 008	2, 175	592
Uruguay	158	159	193	1, 778	173	229	72	2, 568	2, 600	900
Venezuela	7	(2)	62	34	(1)	30	75	4, 787	5, 571	4, 808
China	106	100	(2)	112	(1)	36	20	4	8, 039	(1)
Japan	3, 034	2, 050	-------	(2)	(1)	2, 935	839	-------	-------	(1)
Other countries	6, 114	2, 389	2, 124	4, 031	8, 873	21, 700	7, 522	9, 700	15, 076	48, 275
Percent of total:										
United States	62. 2	57. 7	82. 4	83. 6	88. 4	56. 2	67. 4	83. 5	71. 3	77. 0
France	3. 3	4. 0	(3)	. 4	. 8	2. 4	2. 3	(3)	. 4	. 8
Germany	16. 1	18. 9	(3)	(3)	(1)	9. 4	7. 7	-------	(3)	(1)
United Kingdom	4. 6	4. 1	1. 5	1. 9	2. 0	11. 0	9. 4	. 1	. 5	1. 8
Spain	. 4	. 4	. 9	. 7	. 6	. 1	(3)	(3)	(3)	. 1
Sweden	1. 4	2. 4	1. 1	1. 5	1. 4	. 7	. 6	. 3	. 8	1. 1
Switzerland	1. 4	1. 6	1. 1	1. 0	1. 2	(3)	(3)	(3)	(3)	(1)
Canada	1. 1	1. 0	2. 2	1. 3	1. 4	(3)	(3)	. 7	. 4	. 1
Guatemala	(3)	(3)	. 4	. 2	. 1	. 1	(3)	2. 5	2. 6	1. 2
Argentina	. 3	. 4	4. 1	3. 0	. 5	(3)	(3)	1. 5	5. 4	2. 9
Uruguay	. 1	. 1	. 1	. 3	(3)	. 1	(3)	1. 0	. 6	. 2
Gold, silver, and specie reported as merchandise, total	[4] 3	[4] 58	[4] 10	[4] 1	(5)	[4] 56, 554	[4] 63, 925	[4] 14, 419	[4] 98, 418	(5)
United States	1	17	1	1	-------	50, 609	60, 200	1, 338	12, 099	-------
France	1	(2)	-------	-------	-------	-------	-------	-------	-------	-------
United Kingdom	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Norway	-------	-------	-------	-------	-------	5, 844	-------	-------	-------	-------
Portugal	-------	-------	-------	-------	-------	-------	-------	-------	266	-------
Sweden	-------	-------	-------	-------	-------	(2)	-------	-------	1, 769	-------
Persia	-------	-------	-------	-------	-------	-------	-------	-------	142	-------
Syria	-------	-------	-------	-------	-------	-------	-------	-------	90	-------
Turkey	-------	-------	-------	-------	-------	-------	-------	-------	706	-------
British Honduras	1	-------	-------	-------	-------	-------	-------	-------	5	-------
Cuba	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Guatemala	-------	8	-------	-------	-------	(2)	-------	20	(2)	-------
El Salvador	-------	20	-------	-------	-------	-------	-------	71	1, 076	-------
Colombia	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Ecuador	-------	-------	-------	-------	-------	-------	-------	-------	435	-------
Venezuela	-------	-------	-------	-------	-------	-------	-------	29	1	-------

[1] Not reported in source.
[2] Less than $500.
[3] Less than 0.05 percent.
[4] Complete country distribution not available.
[5] Not available.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise, total (excluding gold, silver, and specie)					**172,892**	**115,418**	**330,497**	**543,177**
Cattle ... number	2,268	1,764	17,793	16,174	133	99	2,058	2,093
Lard ... 1,000 lb.	6,651	6,124	45,951	48,124	750	513	5,679	10,006
Fish and shellfish, fresh and preserved ... 1,000 lb.	2,677	3,204	1,227	3,535	351	419	558	1,637
Hides and skins:								
Raw:								
Cattle ... do	[1]	256	12,388	14,918	[2]	56	2,796	2,911
Other, including furskins 1,000 lb.	54	24	165	222	124	79	384	359
Cured and sole leather ... do	444	292	399	325	1,450	953	2,158	1,835
Milk, evaporated, condensed, and powdered ... 1,000 lb.	1,265	966	8,696	9,801	115	96	1,394	3,152
Eggs, fresh ... do	38	19	4,126	18,332	4	2	963	4,083
Grains:								
Corn ... 1,000 bu.	144	869	1,913	384	128	752	2,802	577
Wheat ... do	181	3,295	11,459	9,541	245	3,310	17,069	18,111
Barley and pearl barley ... do	218	255	602	534	293	254	930	810
Wheat flour ... 1,000 bbl.	1	1	129	478	10	9	876	4,680
Copra ... 1,000 lb.	117,556	80,579	161	771	3,928	1,725	14	68
Cacao beans ... do	2,608	1,208	5,893	7,748	288	86	615	876
Malt barley ... 1,000 bu.	377	267	640	679	664	380	1,319	1,310
Hops ... 1,000 lb.	847	1,258	1,957	2,406	378	461	1,830	2,441
Tobacco, raw ... do	251	193	1,097	1,990	79	61	812	1,614
Vegetable fats and oils, including those for medicinal use ... 1,000 lb.	16,957	8,127	3,167	20,674	1,967	1,238	2,184	4,982
Sugar ... do	38	35	204,050	245,149	2	2	8,838	15,837
Wood and manufactures long tons	63,881	34,989	25,091	25,318	2,513	1,408	2,591	3,744
Petroleum and products:								
Crude petroleum ... 1,000 bbl.	89	60	75	150	151	89	102	218
Natural gas, for fuel, imported in pipe lines million cu. ft.	4,470	1,936	17,261	15,899	631	256	1,748	2,062
Gasoline ... 1,000 bbl.	126	74	477	1,032	415	254	1,969	3,945
Fuel oil ... do	1,301	1,057	325	694	1,108	1,042	405	1,077
Lubricating oils and greases 1,000 bbl.	108	60	303	293	1,178	797	4,238	4,503
Petroleum jelly, mineral wax, and paraffin ... 1,000 bbl.	99	74	43	110	975	634	642	1,854
Other petroleum and products					282	198	805	1,305
Aluminum and manufactures 1,000 lb.	2,039	1,552	2,814	7,736	598	510	703	2,414
Copper, copper alloys, and manufactures ... 1,000 lb.	5,621	4,056	16,191	20,940	1,695	1,061	2,867	5,013
Iron and steel and manufactures:								
Iron and iron alloys, crude short tons	1,301	913	2,899	2,097	139	96	445	344
Ingots, billets, and scrap short tons	86,336	21,941	26,719	51,075	1,565	245	473	899
Wire ... do	11,732	4,920	23,963	33,451	956	512	2,084	3,498
Cable, strip, hoop, and band iron and steel ... short tons	2,834	2,090	3,518	5,618	476	345	817	1,432
Tin plate ... do	18,374	11,821	16,665	9,684	1,818	1,344	1,735	1,092
Iron and steel sheets ... do	44,765	17,837	52,457	57,826	2,764	1,214	3,628	4,444
Tubes, pipes, and fittings short tons	79,210	19,962	41,863	45,067	5,865	1,782	5,337	6,984
Bars ... do	3,736	1,250	76,235	64,018	467	160	4,834	4,141
Beams, joists, and other structural iron and steel short tons	5,884	4,722	17,085	28,071	546	544	1,598	3,286
Razor blades, with or without cutting edge ... thousands	6,518	7,142	11,965	33,281	98	93	176	868
Railway-track material short tons	20,477	3,971	7,753	40,865	728	214	371	2,263
Other manufactures (including dentists' chairs and refrigerators)					5,015	3,046	5,766	12,690
Cotton cloth, lace, velvet, oiled and elastic fabrics ... 1,000 lb.	4,582	2,880	3,222	5,217	2,683	1,911	3,170	4,785
Manufactures of cotton cloth					690	449	1,325	2,150
Artificial fibers and waste 1,000 lb.	10,822	11,449	10,493	15,350	3,347	3,345	4,934	8,073

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Fabric, lace, felt, knit goods (excluding carpeting) of artificial fibers .... 1,000 lb..	271	197	1,571	2,769	586	418	2,432	4,445
Wearing apparel and other manufactures of artificial fibers	----	----	----	----	313	257	3,537	4,473
Wool, washed or unwashed 1,000 lb..	1,846	1,929	13,769	9,716	931	724	6,310	4,439
Wool, carded .... do....	2,134	2,203	2,582	2,399	1,331	1,154	2,413	2,250
Carpeting, textile	----	----	----	----	333	235	752	1,999
Cement .... 1,000 bbl..	69	81	639	911	126	158	1,843	3,173
Diamonds, cut .... carats..	1,790	1,640	13,830	19,830	80	57	1,979	2,063
Leather shoes .... 1,000 pr..	26	19	108	171	91	59	461	807
Leather apparel, gloves, purses and other leather manufactures 1,000 lb..	72	37	81	117	208	164	1,847	2,728
Solutions and preparations for injections .... 1,000 lb..	330	264	419	395	1,677	1,337	2,454	2,244
Capsules, pills, and medicinal wafers .... 1,000 lb..	473	369	1,011	1,162	1,558	1,338	3,298	3,479
Penicillin .... do....	(3)	(3)	54	319	(3)	(3)	366	3,085
Black alkaline cyanide .... do....	15,769	17,440	10,562	6,411	753	844	537	324
Caustic soda and potash .. do....	40,644	36,874	40,482	41,241	802	827	984	1,706
Tanning and dyeing extracts, vegetable and synthetic 1,000 lb..	5,363	4,396	8,925	16,896	247	202	718	1,298
Powdered or crystal coal-tar colors 1,000 lb..	2,398	2,115	2,739	2,232	1,833	1,631	2,311	2,296
Other colors and varnish ... do....	8,516	5,761	12,323	15,572	1,184	727	2,364	3,416
Wines, beer, and distilled liquors 1,000 gal..	962	626	1,022	1,456	1,182	1,015	2,719	4,433
Motion-picture film .... 1,000 lb..	155	214	394	489	576	685	994	1,206
Photographic film, plates, and sensitized paper .... 1,000 lb..	698	583	650	1,372	675	547	614	1,380
Rubber and manufactures:								
Crude, regenerated, and waste 1,000 lb..	9,756	6,643	11,779	16,204	1,885	1,019	3,120	3,472
Tires and tubes .... do....	673	489	1,770	5,917	274	206	1,394	4,062
Other manufactures	----	----	----	----	1,086	778	1,355	2,362
Pulp, paper, cardboard and manufactures:								
Paper pulp (wood pulp) short tons..	40,050	28,646	42,313	54,268	1,883	1,455	3,084	4,772
Newsprint .... 1,000 lb..	66,501	46,361	132,012	123,290	1,320	1,269	3,408	3,406
Unbleached paper .... do....	26,026	13,996	26,730	38,626	805	441	938	1,718
Other paper, cardboard, and products	----	----	----	----	3,281	2,408	4,973	6,862
Books and other printed matter 1,000 lb..	2,825	1,888	3,977	4,984	706	524	2,019	2,643
Electrical machinery and apparatus:								
Electric power generators, dynamos, motors, transformers, and batteries	----	----	----	----	1,892	1,602	6,455	9,544
Radio, telephone, and telegraph apparatus	----	----	----	----	3,043	1,916	3,027	9,320
Other electrical apparatus and parts	----	----	----	----	1,765	1,233	3,391	6,337
Photographic and motion-picture equipment and apparatus 1,000 lb..	222	147	191	413	571	420	437	1,061
Machinery and parts:								
Machinery installations, steam boilers, and engines, other than electric 1,000 lb..	18,446	11,191	60,444	35,422	2,996	2,184	8,709	9,342
Sewing machines ... number..	54,889	18,285	7,161	10,554	1,741	420	261	475
Typewriters .... do....	24,043	6,203	9,061	20,173	966	282	587	1,376
Other office appliances	----	----	----	----	646	341	1,383	2,108
Agricultural machinery and apparatus	----	----	----	----	1,194	504	1,708	2,506
Pumps .... 1,000 lb..	3,247	1,412	5,313	10,288	780	432	1,780	3,779
Textile machinery .... do....	2,459	1,250	10,367	11,384	360	152	1,360	2,278
Other machinery and apparatus for industry and mining.	----	----	----	----	9,390	5,255	20,778	38,195
Machinery parts	----	----	----	----	7,269	5,675	15,935	23,845
Hand tools .... 1,000 lb..	11,238	6,862	8,809	10,727	2,419	1,559	4,054	5,493

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Scientific instruments and apparatus	-------	-------	-------	-------	2,154	1,467	4,390	6,462
Arms, explosives, and ammunition	-------	-------	-------	-------	3,640	1,254	1,188	2,175
Clocks, watches, and parts	-------	-------	-------	-------	1,089	969	2,547	4,021
Tractors number	848	278	2,788	2,972	1,260	374	2,413	3,841
Locomotives, railroad cars, and parts	-------	-------	-------	-------	2,204	3,120	3,377	3,663
Motor vehicles and parts:								
Automobiles, passenger number	13,964	4,153	2,637	13,846	9,074	3,327	3,665	20,264
Trucks and other motor vehicles number	10,063	2,912	6,798	22,249	8,982	2,645	10,522	37,317
Chassis, for motor vehicles number	1,334	529	298	1,951	1,077	447	490	4,032
Motors and parts, for motor vehicles 1,000 lb	2,293	1,741	8,947	12,335	854	757	4,766	7,457
Other parts for motor vehicles 1,000 lb	2,331	1,082	4,178	6,622	656	327	1,338	2,721
Motorcycles, bicycles, tricycles, etc., and parts	-------	-------	-------	-------	899	542	216	1,402
Other merchandise	-------	-------	-------	-------	32,633	25,691	60,454	92,869
Gold, silver, and specie, total	-------	-------	-------	-------	3	58	10	1
Gold:								
Native troy oz	-------	-------	29	-------	-------	-------	(2)	-------
Coin	-------	-------	-------	-------	(2)	12	-------	-------
Ore troy oz	2,604	1,736	-------	-------	(2)	(2)	-------	-------
Bullion do	86	3,470	77	46	2	46	1	1
Silver:								
Coin	-------	-------	-------	-------	(2)	(2)	9	-------
Ore troy oz	-------	965	-------	-------	-------	(2)	-------	-------
Metal do	32	-------	-------	64	(2)	(2)	(2)	(2)
Coined money, other than gold and silver	-------	-------	-------	-------	(2)	(2)	-------	-------

[1] Less than 500 pounds. [2] Less than $500. [3] Not reported in source.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise, total (excluding gold, silver, and specie)	-------	-------	-------	-------	**194,832**	**131,946**	**247,588**	**296,126**
Cattle number	192,928	293,169	411,273	447,174	1,326	2,038	8,289	9,757
Fish and shellfish, fresh 1,000 lb	15,578	18,972	131,365	162,384	438	446	12,995	15,025
Goat and kid skins, raw do	3,105	2,469	-------	62	1,030	599	-------	38
Cattle hides, raw do	16,198	9,964	-------	1,674	1,639	721	-------	113
Cotton:								
Raw do	20,733	48,654	18,476	105,080	2,361	4,132	8,176	15,182
Waste do	8,391	8,900	10,384	13,555	386	218	504	974
Yarn, twine, thread do	9	3	2,098	880	3	1	1,275	547
Cloth do	10	31	32,083	32,435	2	6	36,426	47,885
Other fabrics do	(1)	(1)	134	318	(1)	(1)	141	399
Manufactures of cotton fabrics 1,000 lb	(1)	(1)	1,636	1,344	(1)	(1)	2,247	2,123
Henequen:								
Fiber do	169,999	127,687	111,355	122,783	9,540	4,501	8,706	10,279
Cordage do	21,672	17,224	86,884	74,543	948	553	7,099	7,506
Istle:								
Fiber:								
Lechuguilla do	27,406	21,759	1,401	2,707	1,165	775	144	333
Palma and other do	26,016	14,754	19,339	11,859	717	278	1,323	910
Cut, prepared do	1,049	719	12,263	18,858	112	74	1,894	3,892
Wood, unmanufactured, in logs 1,000 ft	655	501	718	344	660	545	1,124	748
Wool fabrics and manufactures 1,000 lb	(2)	(2)	392	943	(2)	(2)	1,083	2,104
Rubber do	7,676	6,178	26,618	12,873	609	379	6,130	3,121
Shoes, leather and other 1,000 pr	115	368	1,938	2,583	99	294	2,346	3,811

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Bananas, fresh....1,000 bunches..	14, 752	14, 345	5, 169	7, 757	4, 842	3, 953	2, 423	3, 536
Tomato..................1,000 lb..	74, 074	48, 042	227. 556	194, 579	852	461	2, 817	2, 822
Rice, hulled..................do....	43. 901	13, 451	--------	3	1, 137	440	--------	(1)
Coffee beans..................do....	77, 273	77, 419	78, 735	73, 431	7, 863	6, 004	12, 055	13, 055
Chickpeas.....................do....	115, 595	48, 362	22, 770	52, 521	3, 382	1, 243	481	1, 823
Zacaton root..................do....	9, 451	7, 144	3, 202	5, 637	981	654	489	1, 099
Vanilla.......................do....	322	336	184	185	656	559	443	413
Beer.....................1,000 gal..	154	232	16, 135	17, 637	53	81	5, 969	6, 923
Vegetable wax............1,000 lb..	5, 616	3, 053	12, 142	10, 562	662	333	3, 943	6, 949
Chicle:								
Crude.....................do....	8, 786	7, 500	10, 973	12, 040	2, 226	2, 343	8, 595	11, 694
Tablets...................do....	3	3	4, 514	3, 021	1	1	3, 065	1, 870
Tar and resin.................do....	20, 868	7, 727	20, 047	13, 487	474	155	1, 112	989
Oilcake:								
Cottonseed..........long tons..	25, 629	15, 732	5, 656	14, 523	788	384	321	947
Other.....................do....	5, 591	2, 707	5, 402	10, 126	139	58	258	669
Silver ornamental objects, silverware..........	--------	--------	--------	--------	--------	--------	3, 980	1, 214
Antimony[4]..............long tons..	10, 133	7, 287	7, 878	5, 813	3, 369	2, 128	1, 086	1, 447
Copper[4].....................do....	48, 601	42, 114	68, 964	48, 767	14, 731	9, 080	12, 957	15, 226
Lead[4].......................do....	255, 858	246, 907	179, 659	165, 208	33, 938	25, 472	20, 520	27, 984
Zinc[4].......................do....	155, 091	162, 821	200, 075	128, 144	24, 156	18, 695	19, 140	18, 738
Mercury[4]....................do....	156	281	508	394	445	660	1, 496	1, 154
Arsenic[4]....................do....	10, 526	8, 714	14, 251	9, 211	741	589	864	844
Molybdenum[4].................do....	1, 026	775	761	1, 339	978	760	720	1, 282
Graphite[4]...................do....	11, 033	9, 459	23, 261	21, 603	221	196	389	437
Cadmium[4]....................do....	610	748	1, 036	706	1, 794	2, 093	1, 880	1, 709
Manganese[4]..................do....	17	116	18, 269	11, 163	(3)	5	918	632
Asphalt and asphalt emulsions.....	--------	--------	--------	--------	6, 709	1, 871	114	784
Petroleum and products:								
Petroleum, crude..1,000 bbl..	7, 459	4, 840	2, 484	3, 012	8, 098	4, 026	1, 904	3, 171
Fuel oil (incl. Diesel oil) 1,000 bbl..	5, 694	2, 958	3, 617	4, 223	6, 262	2, 496	3, 323	4, 841
Gas oil...................do....	3, 264	3, 063	524	862	5, 733	4, 145	974	1, 559
Gasoline..................do....	4, 392	2, 715	11	9	13. 811	5, 299	51	30
Kerosene..................do....	692	138	1, 150	809	1, 522	215	1, 989	1, 388
Lubricating oils and greases 1,000 bbl..	401	89	1	1	3, 597	587	10	20
Other merchandise..................	--------	--------	--------	--------	23, 636	21, 400	33, 400	36, 711
Gold, silver, and specie, total.....	--------	--------	--------	--------	56, 554	63, 925	14, 419	98, 438
Gold:								
Refined, unmanufactured 1,000 troy oz..								
Coin..................do....	--------	--------	(5)	109	--------	--------	2	2, 549
Ore, total............do....	--------	--------	171	1, 713	(3)	3, 724	5, 634	55, 278
Bullion, total........do....	2, 136	8, 346	8, 108	5, 345	18	11	9	4
Concentrates..........do....	990	755	--------	--------	27, 580	25, 127	--------	--------
Waste.................do....	710	287	1, 094	1, 201	10	1	2	2
Washed, stamped..do....	--------	--------	(5)	(5)	--------	--------	1	(3)
Precipitates and bars	--------	--------	2	(5)	--------	--------	71	(3)
1,000 troy oz..	--------	--------	52	36	--------	--------	733	976
Bars..................do....	--------	--------	--------	439	--------	--------	--------	14, 376
Silver:								
Refined, unmanufactured 1,000 troy oz..								
Coin..................do....	--------	--------	15, 683	31, 359	--------	--------	7, 269	23, 968
Bars..................do....	--------	--------	120	52	1	(3)	53	30
Ore...................do....	60, 860	87, 600	--------	--------	28, 212	34, 276	--------	--------
Concentrates..........do....	1, 134, 055	615, 856	2, 117, 139	1, 961, 122	617	743	166	130
Waste.................do....	5, 591	29, 859	8, 245	6, 068	26	43	30	31
Precipitates and bars	--------	--------	--------	(5)	--------	--------	--------	(3)
1,000 troy oz..	--------	--------	1, 051	482	--------	--------	416	224
Bars..................do....	--------	--------	65	1, 004	--------	--------	30	844
Coined money, copper, bronze, or nickel..........	--------	--------	--------	--------	(3)	--------	2	4
Sulfides and cyanides of gold and silver....1,000 troy oz..	4, 792	--------	--------	--------	89	--------	--------	--------

[1] Not reported in source.
[2] Not shown separately.
[3] Less than $500.
[4] Metallic content.
[5] Less than one-half the unit.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Total (including gold, silver, and specie)[1]					**107,463**	**66,589**	**272,238**	**454,113**
Cattle number	2,201	1,742	10,961	11,373	129	97	1,641	1,617
Lard 1,000 lb	6,500	6,112	12,657	17,821	732	512	1,822	4,073
Hides and skins, cured do	188	126	270	213	598	417	1,727	1,504
Milk, evaporated, condensed, and powdered 1,000 lb	788	709	8,674	9,788	73	64	1,389	3,149
Eggs, fresh do	36	19	4,121	18,332	4	2	963	4,083
Corn 1,000 bu	132	867	1,629	364	118	751	2,346	546
Wheat do	181	3,295	10,039	9,540	245	3,310	15,557	18,111
Barley and pearl barley do	118	95	326	230	155	105	512	366
Wheat flour 1,000 bbl	1	1	129	478	9	9	872	4,676
Copra 1,000 lb	104,372	74,463	(2)	69	3,418	1,563	(3)	9
Cacao beans do	1,524	999	993	(2)	163	70	101	(3)
Malt barley 1,000 bu	151	119	638	675	290	169	1,314	1,301
Hops 1,000 lb	402	779	1,907	2,306	172	303	1,766	2,315
Sugar do	36	30	1,222	4,373	2	2	76	201
Petroleum and products:								
Crude petroleum 1,000 bbl	89	60	75	150	151	89	102	218
Natural gas, for fuel, imported in pipe lines 1,000 cu. ft	4,470	1,936	17,261	15,899	631	256	1,748	2,062
Gasoline 1,000 bbl	126	74	475	1,032	415	254	1,953	3,932
Fuel oil do	1,254	1,056	325	694	1,076	1,042	405	1,077
Mineral wax and paraffin do	48	54	38	99	436	429	566	1,677
Tin plate short tons	16,736	10,514	16,609	9,684	1,666	1,170	1,728	1,092
Tubes, pipes, and fittings, iron and steel short tons	32,664	7,412	41,782	44,894	2,782	967	5,150	6,763
Bars, iron and steel do	877	956	76,066	63,552	166	98	4,745	4,055
Razor blades, with or without cutting edge thousands	4,271	4,167	7,311	33,177	73	65	141	866
Artificial fibers and waste 1,000 lb	1,504	1,283	7,894	8,173	457	315	4,221	4,742
Wool, carded do	12	59	639	1,252	8	30	680	1,245
Diamonds, cut carats	525	480	4,890	6,995	16	8	782	809
Capsules, pills, and medicinal wafers 1,000 lb	188	124	1,057	1,122	430	317	3,071	3,332
Penicillin do	(4)	(4)	54	319	(4)	(4)	366	3,080
Black alkaline cyanide do	7,705	8,288	7,141	6,171	364	392	364	312
Caustic soda and potash do	40,030	36,688	40,482	41,052	784	812	984	1,685
Powdered or crystal coal tar colors do	571	408	2,519	1,976	266	170	1,729	1,439
Photographic films, plates, and sensitized paper 1,000 lb	386	355	617	1,255	387	359	585	1,217
Paper pulp (wood pulp) short tons	862	1,069	1,844	13,127	58	40	1,381	1,128
Newsprint 1,000 lb	2,411	7	39,328	25,213	53	1	1,208	1,071
Electric power generators, dynamos, motors, transformers and batteries					1,156	711	6,209	9,107
Telephone and telegraph apparatus 1,000 lb	43	57	90	305	53	100	228	1,021
Radio transmitting and receiving apparatus and auto radios number	95,530	33,719	8,012	164,928	2,135	818	625	5,180
Typewriters do	19,341	4,561	7,514	18,722	825	227	520	1,281
Calculating machines do	4,470	1,350	5,025	8,830	358	187	861	1,446
Cultivating and harvesting machinery					785	325	863	1,162
Pumps 1,000 lb	2,933	1,181	5,300	10,150	694	362	1,775	3,726
Tractors number	809	270	2,788	2,967	1,204	366	2,413	3,838
Locomotives do	24	27	41	35	205	2,079	1,096	281
Railroad cars, freight do	599	399	1,601	1,387	469	420	1,056	1,212
Automobiles, passenger do	13,649	3,922	2,631	13,515	8,905	3,209	3,654	19,925
Trucks and other motor vehicles except street-cleaning trucks number	9,931	2,897	6,742	21,929	8,813	2,623	10,493	36,858
Chassis for motor vehicles do	1,312	502	298	1,948	1,025	385	490	4,007
Motors and parts, for motor vehicles 1,000 lb	2,224	1,685	8,929	12,309	824	722	4,751	7,428
Motorcycles, bicycles, tricycles, and parts (excluding motorcycles for carrying cargo)					128	69	153	688
Other merchandise (including gold, silver, and specie)					63,557	39,798	175,056	273,200

NOTE.—Complete country breakdown is not available for all commodities in Mexican trade; therefore the above table is incomplete.

[1] Gold, silver, and specie are included; complete country breakdown for gold and silver not available.

[2] Less than 500 pounds.

[3] Less than $500.

[4] Not reported in source.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Total, including reexports (including gold, silver, and specie)[1]					**141,347**	**132,005**	**218,763**	**281,421**
Cattle ... number	192,764	292,890	411,272	447,083	1,325	869	8,289	9,731
Fish, fresh ... 1,000 lb	15,282	18,386	121,034	148,701	428	432	12,476	13,601
Goat and kidskins, raw ... do	2,889	2,333	-------	35	952	558	-------	23
Cotton:								
Raw ... do	1,176	19,661	18,426	104,127	122	1,653	8,166	15,069
Waste ... do	5,799	4,075	10,384	13,555	275	101	504	974
Yarn, twine, thread ... do	(2)	(2)	1,179	518	(2)	(2)	595	301
Cloth ... do	(2)	7	20,241	19,701	(4)	1	22,682	28,106
Other fabrics ... do	(5)	(5)	30	39	(5)	(5)	40	52
Manufactures of cotton fabrics ... do	(5)	(5)	683	657	(5)	(5)	694	829
Henequen:								
Fiber ... do	137,243	114,843	110,218	117,089	7,704	4,066	8,677	9,926
Cordage ... do	21,668	17,221	80,091	59,865	947	552	6,271	5,828
Istle:								
Fiber:								
Lechuguilla ... do	12,154	4,274	1,094	2,505	516	149	113	314
Palma ... do	22,847	12,217	19,099	11,101	624	223	1,300	837
Cut, prepared ... do	1,049	665	11,424	14,668	112	67	1,725	2,930
Wood, unmanufactured, in logs ... 1,000 ft	(2)	(2)	358	324	(2)	(2)	610	714
Wool fabrics and manufactures ... 1,000 lb	(6)	(6)	210	696	(6)	(5)	457	1,176
Rubber ... do	7,536	5,646	26,618	12,873	600	342	6,130	3,121
Shoes, leather and other ... 1,000 pr	113	366	1,880	2,550	96	292	2,267	3,745
Bananas, fresh ... 1,000 bunches	14,752	14,345	5,119	7,690	4,842	3,953	2,374	3,507
Tomato ... 1,000 lb	74,074	48,042	227,468	194,579	852	461	2,816	2,822
Coffee beans ... do	45,199	52,490	78,731	69,867	4,610	4,187	12,054	12,363
Chickpeas ... do	19,789	5,777	9,281	27,710	601	152	165	991
Zacaton root ... do	(5)	(5)	1,871	2,582	(5)	(5)	284	494
Vanilla ... do	318	322	182	184	645	515	442	412
Beer ... 1,000 gal	154	231	16,112	17,573	53	81	5,959	6,894
Vegetable wax ... 1,000 lb	3,563	2,417	12,117	10,499	423	277	3,936	6,910
Chicle:								
Crude ... do	7,129	6,460	10,503	11,648	1,837	2,088	8,280	10,703
Tablets ... do	(2)	(2)	4,507	2,941	(2)	(2)	3,063	1,805
Tar and resin ... do	405	76	16,142	3,916	8	1	865	315
Oil cake:								
Cottonseed ... long tons	7,420	4,911	5,657	14,523	229	99	321	947
Other ... do	728	-------	5,402	10,126	15	-------	258	669
Silver ornamental objects, and silverware	-------	-------	-------	-------	-------	-------	3,469	770
Antimony[7] ... long tons	7,914	5,434	7,878	5,791	2,637	1,601	1,086	1,440
Copper[7] ... do	47,267	40,976	58,964	48,767	14,345	8.834	12,957	15,226
Lead[7] ... do	66,943	83,196	175,409	108,106	8,872	8,803	20,022	17,920
Zinc[7] ... do	18,721	35,318	197,516	127,834	2,910	4,015	18,738	18,676
Mercury[7] ... do	60	156	475	265	172	367	1,399	778
Arsenic[7] ... do	10,081	8,291	13,529	8,797	710	559	813	806
Molybdenum[7] ... do	1,014	733	761	1,339	966	715	720	1,282
Graphite[7] ... do	11,032	9,459	23,254	21,601	221	196	389	437
Cadmium[7] ... do	610	748	1,036	706	1,794	2,093	1,880	1,709
Manganese[7] ... do	17	116	18,211	11,163	(4)	5	915	652
Asphalt and asphalt emulsions ... do	85,441	301	-------	-------	944	5	-------	101
Petroleum and products:								
Petroleum, crude ... 1,000 bbl	3,725	2,180	2,484	2,583	4,057	1,892	1,904	2,645
Fuel oil (incl. Diesel oil) ... do	3,574	590	141	2,096	3,951	493	148	2,546
Gas oil ... do	12	173	496	639	21	233	916	1,149
Gasoline ... do	1	382	(3)	(3)	1	610	1	2
Kerosene ... do	(5)	(5)	1,037	803	(5)	(5)	1,783	1,365
Other merchandise (including gold, silver, and specie)	-------	-------	-------	-------	71,930	80,465	29,810	67,728

NOTE.—Complete country breakdown is not available for all commodities in Mexican trade; therefore the above table is incomplete.

[1] Gold, silver, and specie are included; complete country breakdown for gold and silver not available.
[2] Complete country breakdown not available.
[3] Less than one-half the unit.
[4] Less than $500.
[5] Not reported in source.
[6] Not shown separately.
[7] Metallic content.

FINANCE

Government Revenues and Expenditures (Millions of Pesos)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Revenues	497.8	499.8	547.0	644.0	916.5	1,083.2	1,189.0	1,673.6	1,713.8
Expenditures	544.4	617.2	584.9	752.4	933.7	1,324.0	1,396.1	1,432.6	1,803.0

Consolidated Public Debt of the Mexican Federal Government (Millions of Pesos)

Year	Internal debt			External debt			Grand total
	Principal	Interest	Total	Principal	Interest	Total	
1940	430.3	12.8	443.1	564.3	742.4	1,306.7	1,749.8
1941	528.7	49.1	577.8	564.3	767.6	1,331.9	1,909.7
1942	696.5	124.6	821.1	564.3	780.2	1,344.5	2,165.6
1943	825.0	151.5	976.5	230.6	97.4	328.0	1,304.5
1944	697.7	123.2	820.9	230.6	87.7	318.3	1,139.2
1945	829.3	155.8	985.1	230.6	85.4	316.0	1,301.1
1946	1,063.5	209.5	1,273.0	230.6	81.6	312.2	1,585.2
1947	1,162.0	320.7	1,482.7	230.6	73.8	304.4	1,786.1

Reserve Position of Bank of Mexico (Millions of Pesos)

End of year—	Gold	Exchange	Currency in circulation	Other sight liabilities
1939	140	10	373	102
1940	248	59	421	206
1941	223	29	560	195
1942	180	160	753	401
1943	986	165	165	----------
1944	1,069	170	1,358	1,058
1945	1,419	243	1,731	1,346
1946	875	209	1,804	1,081
1947	486	58	1,762	910

Currency and exchange.—The unit of currency is the Mexican peso; par value announced by the International Monetary Fund, December 18, 1946, $0.205973 (4.855 pesos to the dollar). Average annual selling rates in Mexico, in pesos to the dollar: 1939, 5.18; 1940, 5.40; 1941, 4,86; 1942 to 1947, inclusive, 4.85. (The peso began to weaken in July 1948).

PRINCIPAL SOURCES

Compendio Estadístico (annual).
Anuario Estadístico (not published for several years).
Anuario Estadístico del Comercio Exterior (annual).
Revista de Estadística (monthly).
Boletín Mensual de la Dirección de Economía Rural (monthly).

NICARAGUA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 49,500 square miles. Population: 1947 estimate, 1,149,066; 1940 census, 983,160. Urban population about one-third of total. Cities, end of 1945, estimate: Managua, 132,154; Matagalpa, 50,072; León, 48,862; Jinotega, 37,934; Granada, 36,953; Chinandega, 24,413; Diriamba, 22,493; Esteli, 20,728; Bluefields, 19,605.

Education.—1945: Number of persons of school age (6–15), 255,061; elementary enrollment, 65,000; secondary, 6,090; university, 665.

AGRICULTURE, MINING, AND MANUFACTURING

Production of coffee, the chief crop, has been declining since 1940; 5-year average 1940–45, 17,500 short tons; 1946–47 crop, 10,910 short tons. Other principal crops 1944–45, estimated (short tons): Sesame, 3,150; rice, 6,000; sugar, 12,750; corn, 14,000; beans, 5,250; cotton, 627; tobacco, 554. Livestock, estimated: Cattle, 505,550 (end of 1947); swine, 771,503 (1946).

Mining, 1947 (troy ounces): Gold, 216,700; silver, 215,292.

Manufactures, 1946: Lumber, 399,640 board feet; lime, 811,000 pounds; cement, 25,427,000 pounds; beer, 484,770 gallons; matches, 11,666,000 packages; soap, 929,000 pounds; cement blocks, 982,783 units; cigarettes, 452,680,200 units; textiles, cotton, 2,969,466 yards.

TRANSPORTATION AND COMMUNICATION

Highways, 1946: 599 miles. Railways, 1947: 235 miles; 2,820,605 passengers transported; 206,816 short tons of freight carried. Shipping, 1946: Freight arriving, 95,035 short tons; freight departing, 114,010 short tons. Air lines: 2 domestic, 1 international.

Postal service, 1947: Pieces of mail handled—domestic, 5,020,066; foreign, 2,408,845. Telegraphs, 1947: Messages handled, 2,047,628. Telephones, 1947: 1 Government and 2 private lines; messages handled, 320,715; total instruments in use, 2,242. Radio: Estimated 7,000 sets in use (1947); 12 short-wave stations (1946).

FOREIGN TRADE

Per capita trade.—1947: Imports, $18.10; exports, $18.20.

Basis of trade statistics.—The statistics represent imports for consumption and exports, including reexports. Import and export values are those declared by merchants and verified by the customs authorities. Imports are valued f. o. b. foreign port of shipment, excluding maritime freight, insurance, foreign export duties, consular fees, and buyer's commission. Exports are valued f. o. b. Nicaraguan port.

The monetary unit employed in recording values of exported and imported commodities is the gold córdoba, equivalent to the United States dollar.

Value of Imports and Exports (Thousands of Dollars) [1]

Year	Merchandise		Gold, silver and specie		Year	Merchandise		Gold, silver and specie	
	Imports	Exports	Imports	Exports		Imports	Exports	Imports	Exports
1934	4,610	4,513	(2)	718	1941	10,438	4,249	(2)	7,682
1935	5,073	5,006	(2)	652	1942	6,772	5,554	(2)	8,772
1936	5,580	3,744	(2)	904	1943	13,530	7,386	(2)	8,054
1937	5,621	6,075	(2)	963	1944	10,151	7,690	(2)	7,722
1938	5,120	4,245	(2)	1,639	1945	11,961	6,605	(2)	7,338
1939	6,365	4,639	(2)	3,662	1946	14,989	10,753	(2)	7,329
1940	7,052	3,607	(2)	5,887	1947	[3] 20,802	[3] 20,888	(4)	(4)

[1] Gold córdoba equivalent to United States dollar.
[2] Not reported in source.
[3] Provisional. Gold, silver, and specie not shown separately.
[4] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports for consumption				Exports including reexports			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise, total (excluding gold, silver, and specie)	**5,621**	**5,120**	**11,961**	**14,989**	**6,075**	**4,245**	**6,605**	**10,753**
United States	3,045	3,058	8,926	11,397	2,997	2,342	5,215	6,809
France	127	107	----	32	582	189	(1)	73
Germany	857	513	----	----	1,504	867	----	(1)
United Kingdom	477	422	137	200	53	135	131	520
Japan	243	80	----	----	335	120	----	----
Peru	186	133	158	147	8	115	194	187
Netherlands Antilles	142	47	221	294	(2)	(2)	(2)	(2)
Mexico	19	51	1,176	1,527	1	19	32	119
Panama, Republic of	110	96	484	487	38	23	266	688
Costa Rica	27	13	302	335	66	34	485	355
Honduras	23	11	120	51	31	23	81	41
Italy	39	292	----	(1)	45	21	(1)	(1)
Netherlands	----	----	----	2	192	206	----	3
Guatemala	9	5	83	61	72	57	15	245
Cuba	----	----	21	16	28	14	4	778
Other countries	317	292	333	440	123	80	182	935
Percent of total merchandise:								
United States	54.2	59.7	74.6	76.0	49.3	55.2	79.0	63.3
Germany	15.2	10.0	----	----	24.8	20.4	----	(3)
United Kingdom	8.5	8.2	1.1	1.3	.9	3.2	2.0	4.8
Mexico	.3	1.0	9.8	10.2	(3)	.4	.5	1.1
Peru	3.3	2.6	1.3	1.0	.1	2.7	2.9	1.7
Panama, Republic of	2.0	1.9	4.0	3.2	.6	.5	4.0	6.4
France	2.3	2.1	----	.2	9.6	4.5	(3)	.7
Japan	4.3	1.6	----	----	5.5	2.8	----	----
Costa Rica	.5	.3	2.5	2.2	1.1	.8	7.3	3.3
Gold, silver, and specie, total	(4)	(4)	(4)	(4)	963	1,639	7,358	7,329
United States	----	----	----	----	900	1,619	7,357	7,328
Costa Rica	----	----	----	----	62	19	1	1
United Kingdom	----	----	----	----	----	1	----	----

1 Less than $500.
2 Not reported in source.
3 Less than 0.05 percent.
4 No imports of gold or silver reported in official source.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise, total					**5,621**	**5,120**	**11,961**	**14,[illegible]**
Petroleum and products:								
Crude petroleum ... long tons	26,981	14,393	31,209	23,630	244	109	502	331
Refined petroleum ... 1,000 bbl	19	14	12	19	110	80	33	41
Gasoline and naphtha ... do	32	30	87	99	131	109	394	338
Lubricating oil ... do	4	4	11	11	55	56	176	181
Cotton products:								
Thread and yarn ... 1,000 lb	107	133	124	130	81	101	121	112
Fabric, plain ... do	1,656	2,150	1,185	1,231	678	797	1,129	1,[illegible]
Fabric, twilled or figured ... do	685	561	507	702	306	211	488	764
Other					185	117	516	826
Wheat flour ... 1,000 bbl	37	30	75	69	227	138	562	582
Beverages (mineral water, beer, spirits, wines, etc.)					80	38	74	112
Cement ... 1,000 lb	16,874	11,190	5,823	10,620	44	38	80	94
Bags, jute ... do	1,498	1,617	213	1,404	116	115	62	213
Iron and steel manufactures:								
Wire and manufactures					61	38	43	73
Bars, rods, pieces, plates and sheets ... long tons	1,843	882	1,144	911	136	92	111	111
Other					318	287	680	863
Books and other printed material ... 1,000 lb	91	60	136	93	20	15	73	53
Rubber manufactures					60	50	223	434
Chemicals and products:								
Medicines ... 1,000 lb	276	157	747	589	224	113	613	464
Pharmaceuticals and simple drugs					140	148	436	427
Paints, pigments, and varnishes ... 1,000 lb	485	397	721	679	54	40	106	104
Perfumery, cosmetics, and other preparations ... 1,000 lb	80	53	162	320	52	36	128	215
Soap ... do	428	281	434	525	32	21	184	104
Explosives ... do	448	833	1,421	1,749	78	285	201	264
Silk manufactures, natural or artificial:								
Fabric ... 1,000 lb	171	113	86	70	96	57	159	134
Other ... do	15	9	27	26	32	22	64	98
Automobiles and parts ... number	74	59	94	331	67	56	357	628
Tobacco and manufactures ... 1,000 lb	216	168	454	519	74	52	205	275
Glass and crystal					60	40	202	139
Machinery:								
Mining ... long tons	93	483	1,718	1,456	81	307	574	451
Agricultural ... do	291	82	170	192	120	57	88	110
Electrical machines and apparatus ... long tons	124	180	395	534	152	193	414	520
Other					311	233	855	1,082
Hides, tanned ... 1,000 lb	54	51	106	86	88	78	232	183
Leather manufactures					14	10	44	61
Copper and manufactures including alloys					50	42	84	109
Wool manufactures ... 1,000 lb	30	17	56	90	46	28	117	219
Paper, including newsprint ... do	1,121	1,206	338	1,039	46	59	55	85
Motion-picture film ... rolls	3,377	2,447	5,563	5,937	37	26	56	61
Milk, including canned ... 1,000 lb	186	131	257	469	21	13	55	165
Firearms					4	120	1	1
Other merchandise					890	693	1,464	2,172

NOTE.—No imports of gold and silver reported in official source.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Merchandise, total[1]					**6, 075**	**4, 245**	**6, 605**	**10, 753**
Domestic exports:								
Cotton 1,000 lb	2, 980	2, 993	(2)	709	553	262	(2)	145
Sugar do	5, 367	10, 528	(2)	6, 245	133	128	(2)	565
Bananas 1,000 stems	2, 472	1, 950	121	314	985	777	81	193
Cacoa 1,000 lb	1, 051	1, 269	289	897	117	83	30	132
Coffee:								
Standard do	8, 134	6, 759	113	284	574	299	14	49
Washed do	20, 177	16, 230	26, 898	25, 579	1, 944	1, 102	3, 654	4, 250
Dark do	1, 885	1, 256		99	105	42		17
Washed, unhulled do	4, 612	7, 194			455	587		
Hides and skins, raw do	750	499	371	239	226	142	128	218
Leather manufactures pounds	2, 668	9, 974	67, 805	7, 066	4	5	31	11
Wood, unsawed:								
Mahogany 1,000 bd. ft	1, 327	1, 633	2, 853	1, 973	92	97	215	190
Other do			4, 428	8, 169	342	134	180	331
Wood, sawed:								
Mahogany do	132	794	699	686	7	46	56	55
Pine do	5, 129	6, 337	5, 097	7, 268	80	96	200	232
Other do	47	12	281	1, 516	2	(3)	16	178
Ipecac root 1,000 lb	110	118	69	160	95	117	171	758
Cattle number		5, 841	1, 040	4, 921		70	41	266
Sesame 1,000 lb	(2)	(2)	5, 947	8, 924	(2)	(2)	362	853
Rice do		30	(2)	11, 228		(3)	(2)	948
Rubber do	410	335	2, 684	1, 288	67	34	847	381
Corn bushels	11, 582	12	55, 882	219, 386	9	(3)	70	298
Beans do	1, 026	227	(2)	46, 460	1	(3)	(2)	197
Mineral earth 1,000 lb	(2)	(2)	93	7	(2)	(2)	143	31
Balsam do	67	34	22	27	32	15	15	26
Cylinders, drums and tanks, empty do	1, 034	757	1, 025	910	48	36	53	41
Cottonseed do	5, 433	5, 385	1, 132	1, 735	73	39	12	31
Other merchandise					77	67	171	281
Reexports					54	67	115	76
Gold, silver, and specie, total					963	1, 639	7, 358	7, 329
Gold concentrates 1,000 troy oz	24	44	203	205	849	1, 550	7, 117	7, 131
Silver concentrates do	101	158	234	247	44	69	115	192
Coin do	1	2	1	(4)	70	20	126	6

[1] Including reexports; excluding gold, silver, and specie.
[2] Not reported in source.
[3] Less than $500.
[4] Less than 500 troy ounces.

Principal Imports from the United States

Commodity	Quantity 1937	Quantity 1938	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1937	Value 1938	Value 1945	Value 1946
Imports for consumption from the United States, total[1]					**3,045**	**3,058**	**8,926**	**11,387**
Hides, tanned .... 1,000 lb	54	51	106	50	88	78	232	107
Leather manufactures					10	8	27	43
Milk, including canned .... 1,000 lb	181	129	253	464	20	13	52	102
Wheat flour .... 1,000 bbl	37	29	74	69	223	137	561	592
Beverages (mineral water, beer, spirits, wine, etc.)					10	6	48	55
Rubber manufactures					44	41	215	365
Tobacco and manufactures .... 1,000 lb	215	168	453	519	73	52	204	278
Cotton products:								
Thread and yarn .... do	42	46	70	85	18	16	51	79
Fabric, plain .... do	674	1,565	559	488	303	514	467	602
Fabric, twilled or figured .... do	269	346	222	394	110	112	233	399
Other					105	76	393	707
Jute bags .... 1,000 lb	166	212	213	1,404	13	13	62	213
Wool manufactures .... do	8	6	43	75	8	8	75	167
Silk manufactures, natural or artificial:								
Fabric .... 1,000 lb	4	2	65	64	5	2	125	117
Other .... do	6	5	24	25	16	14	56	92
Paper, including newsprint .... do	164	198	217	935	15	24	52	88
Petroleum products:								
Crude petroleum .... long tons	11,489	6,494	273	1,600	105	61	15	28
Refined petroleum .... 1,000 bbl	3	2	(2)	1	14	11	1	8
Gasoline and naphtha .... do	10	10	7	13	42	40	33	70
Lubricating oil .... do	4	3	10	9	54	54	163	164
Cement .... 1,000 lb	517	706	5,797	10,488	2	3	80	92
Glass and crystal					24	16	182	134
Iron and steel manufactures:								
Wire and manufactures					18	17	42	70
Bars, rods, pieces, plates and sheets .... long tons	658	575	1,141	853	62	57	109	98
Other					190	200	579	730
Copper and manufactures, including alloys					50	42	80	102
Machinery:								
Mining .... long tons	84	483	1,538	1,456	80	307	560	457
Agricultural .... do	224	57	170	191	84	42	87	109
Electrical machines and apparatus .... long tons	94	166	387	525	120	167	401	502
Other					252	171	809	1,044
Automobiles and parts .... number	68	47	38	261	64	43	310	557
Chemicals and products:								
Medicines .... 1,000 lb	152	88	708	553	105	49	543	583
Pharmaceuticals and simple drugs					82	97	406	388
Paints, pigments and varnishes 1,000 lb	310	294	698	673	38	31	103	108
Perfumery, cosmetics and other preparations .... 1,000 lb	47	24	150	309	31	16	119	208
Soap .... do	400	263	432	511	28	18	184	102
Explosives .... do	438	443	1,421	1,653	76	105	201	245
Books and other printed material .... do	54	35	82	93	10	8	26	53
Other merchandise					453	389	1,040	1,498

[1] No imports of gold and silver reported.
[2] Less than 500 barrels.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Exports to the United States, total including reexports, (excluding gold, silver, and specie)	--------	--------	--------	--------	**2,997**	**2,342**	**5,215**	**6,809**
Hides and skins, raw .... 1,000 lb..	349	341	185	222	141	84	99	197
Corn .... bushels..	--------	--------	55,882	180,670			70	250
Bananas .... 1,000 stems..	2,450	1,925	100	279	980	770	74	182
Cacao .... 1,000 lb..	11	51	--------	695	1	2	--------	99
Coffee:								
Standard .... do....	1,266	1,905	113	284	103	83	14	49
Washed .... do....	12,929	13,664	26,032	24,836	1,261	939	3,537	4,127
Dark .... do....	128	683	--------	99	8	27	--------	17
Washed, unhulled .... do....	53	21			5	1		
Sugar .... do....	5,367	10,528	([1])	([2])	133	128	([1])	([3])
Sesame .... do....	([1])	([1])	137	5,385	([1])	([1])	19	558
Rubber .... do....	53	5	2,684	1,288	10	([3])	847	381
Balsam .... do....	18	23	22	24	9	10	15	22
Ipecac root .... do....	41	46	8	41	38	38	19	196
Wood, unsawed:								
Mahogany .... 1,000 bd. ft..	1,201	1,541	2,612	1,716	86	91	204	174
Other .... do....	2,337	612	432	1,861	56	15	13	107
Wood, sawed:								
Mahogany .... do....	109	793	689	642	6	46	55	52
Pine .... do....	4,409	2,514	1	103	66	38	([3])	5
Other .... do....	4	10	--------	1,346	([3])	([3])	--------	167
Mineral earth .... 1,000 lb..	([1])	([1])	93	7	([1])	([1])	143	31
Other merchandise	--------	--------	--------	--------	79	42	86	167
Reexports	--------	--------	--------	--------	15	28	20	28
Gold, silver, and specie, total	--------	--------	--------	--------	900	1,619	7,357	7,328
Gold concentrates .... 1,000 troy oz..	24	44	203	205	849	1,550	7,117	7,131
Silver concentrates .... do....	101	158	234	247	44	69	115	193
Coin .... do....	1	--------	2	--------	7	--------	125	4

[1] Not reported in source.
[2] Less than 500 pounds.
[3] Less than $500.

FINANCE

Government Receipts and Expenditures, Years Ending July 31 (Thousands of Córdobas)

Item	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48[1]
Receipts	16,744	28,148	32,973	40,725	41,141	61,045	63,814	83,077	92,471	--------
Expenditures	14,386	23,389	28,067	38,053	41,221	50,182	66,382	82,697	93,090	76,746

[1] Budget.

Public Debt (Thousands of Córdobas)

December 31—	External	Internal	Total	December 31—	External	Internal	Total
1939	17,162	3,494	20,656	1944	24,597	3,168	27,765
1940	20,972	3,125	24,097	1945	24,242	4,975	29,217
1941	23,526	2,730	26,256	1946	20,909	18,123	39,032
1942	24,466	2,344	26,810	1947[1]	19,946	27,499	47,445
1943	26,577	1,777	28,354				

[1] June 30.

Currency and exchange.—The unit of currency is the córdoba; par value announced by the International Monetary Fund, December 18, 1946, $0.20 (5 córdobas to the dollar). Annual average selling rates in córdobas per dollar, in Nicaragua, 1939–47 inclusive: Official rate, uniformly 5.00; cash rate—1939, 5.35; 1940, 6.36; 1941, 5.93; 1942, 5.23; 1943, 5.16; 1944, 5.72; 1945, 6.62; 1946, 5.49; 1947, 5.64.

Exchange Stabilization Fund (Thousands of Dollars)

Year	Gold holdings	Dollar exchange	Total	Year	Gold holdings	Dollar exchange	Total
1939	1,010	990	2,000	1944	4,867	1,807	6,674
1940	1,100	1,330	2,430	1945	4,866	1,694	6,560
1941	1,400	860	2,260	1946	4,351	912	5,264
1942	1,839	2,896	4,736	1947	648	877	1,561
1943	3,024	4,429	7,453				

Currency in Circulation (Thousands of Córdobas)

December 31—	Notes	Coins	Total currency	December 31—	Notes	Coins	Total currency
1939	12,526	804	13,330	1944	42,650	2,156	44,806
1940	14,071	1,359	15,430	1945	46,882	2,284	49,167
1941	16,322	1,406	17,728	1946	(1)	(1)	46,697
1942	23,133	1,549	24,682	1947	49,168	2,629	51,797
1943	34,961	1,691	36,652				

[1] Not available.

PRINCIPAL SOURCES

Anuario Estadístico de Nicaragua.
Memoria del Recaudador-General de Aduanas y Alta Comisión.

PANAMA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 32,380 square miles. Population (exclusive of Canal Zone), 1947 estimate, 701,000; 1940 census, 622,576; 1930 census, 467,459. Cities, 1940 with 1930 data in parentheses: Panama City, 111,893 (74,409); Colón, 44,393 (29,765); David, 9,222 (5,041). The principal city of the Canal Zone is Balboa, which has a population of 3,922. Urban population (towns over 1,000), 1940 census, 233,517.

Education.—School enrollment 1945–46: Kindergarden, 3,094; elementary, 83,853; secondary, 3,930; normal, 322; commercial (business), 2,139; vocational, 4,412; universities, 752. Illiteracy estimated at about 40 percent.

AGRICULTURE

Production of important crops, 1947, with 1946 data, where available, in parentheses: Abaca fiber (pounds), 11,455,625 (5,526,813); bananas (stems), 3,500,000 (5,000,000); cacao (pounds), 5,138,186 (5,400,000, estimated); coconuts (number), 18,000,000; coffee (pounds), 2,500,000, (5,000,000); rice, unhulled (quintals of 101.43 pounds), 1,151,042 (1,201,760); corn (pounds), 85,600,000; sugar (quintals of 101.43 pounds), 171,000 (135,000); potatoes (quintals of 101.43 pounds), 40,000, estimate (30,000).

Rubber production: 704,472 pounds in 1945; 304,077 pounds in 1946.

MINING AND MANUFACTURING

Mining.—Minerals are reported to be in abundance, but only salt is produced on a commercial basis. The 1946 estimated production of salt was 150,000 quintals of 101.43 pounds, and production for 1947 was 88,249 quintals.

Manufacturing.—Beverages (mostly beer), liters: 1946, 26,321,642; 1947, 21,057,314. Rectified alcohol, liters: 1946, 2,243,540; 1947 estimate, 1,000,000. Footwear, pairs: 1946 estimate, 300,000; 1947 estimate, 325,000. Condensed milk, cases of 48 cans of 14 oz.: 1946 estimate, 30,000; 1947 estimate, 30,000. Evaporated milk, cases of 48 cans of 14½ oz.: 1946 estimate, 25,000; 1947 estimate, 25,000. Soap, pounds: 1947 estimate, 11,000,000. Refined sugar, quintals of 101.43 pounds: 1946, 135,000; 1947, 171,000. There is also manufacturing of small quantities of hard candy, inexpensive clothing, and furniture for local use

TRANSPORTATION AND COMMUNICATION

Railways (including Canal Zone), about 230 miles. Highways, 1,090 miles of which 333 are paved, 352 are improved earth, and 405 are unimproved roads. There are fewer than 10,000 telephone lines in the Republic of Panama; in 1947, telephone subscribers numbered 9,647.

FOREIGN TRADE

Per capita trade.—1947: Imports, $108.00; exports, $16.10.

Basis of trade statistics.—The foreign trade statistics are recorded as general imports and domestic exports; reexports are reported separately. Parcel-post and air shipments are included. Country of origin is recorded for imports; if undeterminable the country of purchase is used. Country of destination is recorded for exports.

Imports are valued f. o. b., foreign port of embarkation, including taxes but excluding duties. Exports are valued f. o. b.

The monetary unit employed in recording trade statistics is the balboa, which is equivalent to the United States dollar.

Value of Imports and Exports (Thousands of Dollars)

Year	General imports[1]	Exports[1]		Year	General imports[1]	Exports[1]	
		Domestic	Reexports			Domestic	Reexports
1934	13,574	3,638	1,122	1941	32,917	4,283	2,143
1935	15,635	4,149	3,473	1942	37,928	2,229	1,738
1936	18,990	4,059	3,401	1943	40,268	1,971	1,840
1937	21,828	4,070	4,549	1944	38,290	2,927	970
1938	17,651	3,744	3,925	1945	45,648	4,502	1,443
1939	20,464	3,487	3,339	1946	56,057	6,801	1,735
1940	22,792	4,055	2,961	1947	75,704	8,520	2,780

[1] Including negligible amounts of gold, silver, and specie.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Exports including reexports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total trade[1]	**21,828**	**17,651**	**56,057**	**75,704**	**8,619**	**7,669**	**8,536**	**11,300**
United States	11,359	10,139	40,154	57,969	3,819	3,436	5,277	7,601
United Kingdom	1,275	841	957	1,341	48	27	9	5
Japan	3,089	1,634	----------	----------	7	4	----------	----------
Germany	1,169	1,101	----------	----------	105	156	----------	----------
China	886	536	75	239	----------	----------	4	15
France	673	399	340	305	11	1	----------	1
Cuba	148	127	785	772	8	3	20	14
Netherlands	388	323	114	85	----------	----------	217	763
Canada	108	81	306	668	18	----------	123	----------
Canal Zone	626	634	2,529	3,576	4,058	3,640	488	786
Mexico	28	32	1,047	995	14	2	124	5
Argentina	73	47	2,415	1,363	(2)	(2)	10	58
Chile	129	98	1,004	564	4	7	455	37
Colombia	93	65	1,246	607	221	134	200	834
Nicaragua	35	20	373	1,078	51	45	34	21
Other countries	1,749	1,574	4,712	6,142	255	214	1,575	1,160
Percent of total:								
United States	52.0	57.4	71.6	76.6	44.3	44.8	61.8	67.3
United Kingdom	5.8	4.8	1.7	1.8	.6	.4	.1	(3)
Japan	14.2	9.3	----------	----------	.1	.1	----------	----------
Germany	5.4	6.2	----------	----------	1.2	2.0	----------	----------
France	3.1	2.3	.6	.4	.1	(3)	----------	(3)
Canal Zone	2.9	3.6	4.5	----------	47.1	47.5	5.7	7.0
Mexico	.1	.2	1.9	1.3	.2	(3)	1.5	(3)
Argentina	.3	.3	4.3	1.8	(3)	(3)	.1	.5
Netherlands	1.8	1.8	.2	.1	----------	----------	2.5	6.8

[1] Including negligible amounts of gold, silver, and specie.
[2] Less than $500.
[3] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
General imports, total (including gold, silver, and specie)					**21,828**	**17,588**	**56,057**	**75,704**
Cattle........number	(1)	2	7,921	18,280	(1)	1	380	1,027
Meats........1,000 lb	4,822	4,576	2,684	2,034	732	710	925	918
Lard........do	1,002	1,625	2,160	2,406	109	108	675	755
Milk........do	5,609	4,776	4,861	6,689	333	257	963	1,428
Butter........do	1,904	2,055	1,017	1,109	366	397	485	684
Rice........do	8,393	4,616	7,222	14,637	175	92	684	1,309
Sugar........do	799	475	3	6,040	17	9	(2)	596
Wheat flour........barrels	98,098	94,021	121,991	133,072	587	474	1,047	1,754
Malt........1,000 lb	4,438	5,152	11,065	7,272	185	212	715	605
Tobacco manufactures 1,000 lb	868	1,129	1,223	1,094	576	534	1,388	1,290
Spirits, distilled 1,000 gal	(1)	(1)	217	165	377	34	1,169	866
Shoes........1,000 pr	58	63	160	157	84	92	438	600
Other leather manufactures........1,000 lb	(1)	393	389	297	(1)	236	1,050	797
Cotton:								
Piece goods..1,000 yd	5,837	4,814	5,765	6,343	372	328	1,484	1,717
Clothing........	--------	--------	--------	--------	545	472	1,148	1,022
Silk and rayon:								
Piece goods..1,000 yd	11,902	6,131	2,749	4,216	1,015	560	1,564	2,757
Clothing........	--------	--------	--------	--------	1,167	873	1,813	1,685
Lumber........1,000 sq. ft	11,348	(1)	13,118	14,031	353	269	990	1,167
Paper and manufactures 1,000 lb	(1)	10,120	14,927	16,967	(1)	533	1,682	2,310
Tires and tubes........do	578	558	1,626	2,655	164	162	753	1,326
Petroleum products........	--------	--------	--------	--------	681	659	1,779	2,951
Portland cement..barrels	221,694	147,357	289,938	363,216	152	142	[3] 722	1,188
Iron and steel and manufactures........long tons	1,767	2,963	9,050	16,551	316	233	1,519	2,984
Nonferrous metals and manufactures long tons	(1)	(1)	3,602	6,026	(1)	(1)	2,357	3,710
Automobiles, trucks and parts........	--------	--------	--------	--------	909	781	1,933	4,717
Machinery and equipment........	--------	--------	--------	--------	(1)	(1)	6,685	9,974
Watches........thousands	105	72	116	134	83	108	954	963
Chemicals and pharmaceuticals........1,000 lb	--------	--------	22,293	20,302	252	602	3,286	4,087
Soaps........do	--------	--------	1,761	1,926	156	105	240	433
Perfumery and cosmetics 1,000 lb	--------	--------	832	561	670	475	927	692
Other merchandise........	--------	--------	--------	--------	11,452	8,130	16,302	19,392

[1] Data not comparable. [2] Less than $500. [3] Includes a small amount of white cement.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports, including reexports, total[1]	--------	--------	--------	--------	**8,619**	**7,669**	**8,536**	11,300
Bananas..1,000 bunches	5,838	6,400	5,190	4,560	2,578	2,755	4,154	4,216
Cocoa beans........1,000 lb	12,637	8,909	4,781	6,598	759	442	525	1,205
Coconuts........thousands	7,797	5,212	9,368	4,283	132	73	905	267
Fresh beef........1,000 lb	3,859	--------	--------	--------	164	207	--------	--------
Cattle hides..thousands	11	9	33	45	60	51	222	427
Mother-of-pearl shells 1,000 lb	418	116	4	9	25	9	1	3
Rubber........do	15	23	319	224	4	5	128	99
Abaca fiber........do	--------	--------	5,258	11,508	--------	--------	497	1,423
All other merchandise........	--------	--------	--------	--------	348	202	369	880
Reexports........	--------	--------	--------	--------	4,549	3,925	1,735	2,780

[1] Negligible amounts of gold, silver, and specie included.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports to the United States, total, including reexports[1]					**3,819**	**3,436**	**5,277**	**7,601**
Bananas..1,000 bunches	5,756	6,400	4,245	3,941	2,547	2,755	3,400	3,720
Cocoa beans.....1,000 lb	10,564	5,905	3,226	6,204	689	276	319	1,135
Coconuts.....thousands	7,776	5,211	6,867	3,974	132	74	661	244
Cattle hides........do	10	7	1	7	58	41	13	60
Rubber..........1,000 lb	3	2	319	224	(2)	(2)	128	99
Abaca fiber........do			5,258	11,508			497	1,423
Wood........1,000 sq. ft	18	29	516	2,847	1	4	88	508
Reexports					121	91	111	327
All other merchandise					271	195	60	85

[1] Negligible amounts of gold, silver, and specie included.
[2] Less than $500.
NOTE.—Commodity breakdown of imports from the United States not available.

FINANCE

Government Receipts and Expenditures (Thousands of Balboas)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Receipts	13,049	13,935	21,621	22,493	27,638	27,198	27,526	36,895	38,535
Expenditures	10,824	18,129	16,562	21,197	22,581	25,448	34,353	38,649	38,581

Public Debt (Thousands of Balboas)

Year	Internal	External	Total	Year	Internal	External	Total
1940	3,257	19,727	22,984	1944	2,402	16,096	18,497
1941	(1)	(1)	(1)	1945	1,308	15,951	17,259
1942	2,599	18,560	21,160	1946	4,043	15,826	19,869
1943	2,280	18,169	20,449	1947	6,684	15,668	22,352

[1] Not available.

Consolidated Balance Sheet of All Banks Operating in Panama as of December 31 (Millions of Dollars)

Item	1941	1942	1943	1944	1945	1946	1947
Assets:							
Cash account	8.5	12.4	15.2	15.6	18.3	18.3	12.2
Secured loans	11.1	8.5	7.2	8.5	11.4	17.6	22.7
Interbank deposits	9.3	29.6	50.9	65.4	60.1	19.3	16.7
Various[1]	4.4	8.9	19.8	24.0	26.7	25.7	23.7
Total	33.3	59.4	93.1	113.5	116.5	80.9	75.3
Liabilities:							
Sight deposits	16.7	30.3	48.6	58.6	60.5	51.4	48.1
Time deposits	7.9	12.8	19.3	22.1	24.4	23.2	20.1
Total deposits	24.6	43.1	67.9	80.7	84.9	74.6	68.2
Balances owed banks	3.0	10.7	20.1	27.3	25.2	.9	1.3
Various[2]	5.7	5.6	5.1	5.5	6.4	5.4	5.8
Total	33.3	59.4	93.1	113.5	116.5	80.9	75.3

[1] Includes real estate furnishings and equipment, portfolio investments, and other assets.
[2] Includes capital, reserves, and other liabilities.

Currency and exchange.—The unit of currency is the balboa; it is linked to the United States dollar at 1 to 1.

Reported gold and exchange holdings as of December 31, in thousands of dollars: 1941, 27,023; 1942, 28,758; 1943, 47,752; 1944, 80,392; 1945, 60,971; 1946, 50,100; 1947 (Sept. 30), 30,800.

PRINCIPAL SOURCES

Estadística Panamena (monthly).
Revista de la Cámara de Comercio de Panamá (monthly).

PARAGUAY

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, estimated at 157,047 square miles. Population, January 1, 1948 estimate, 1,144,731. Cities, estimated: Asunción, 130,067; Villarrica, 31,081; Concepción, 16,487; Encarnación, 16,078. School enrollment: Elementary, 170,000; secondary, 8,562; university, 1,500.

AGRICULTURE, STOCK-RAISING, AND FORESTRY

Area under cultivation, 1946 estimate: 550,000 acres. Principal crops, 1948 official estimate of yearly production in 10-year period ended 1946 (average or range); Mandioca, 700,000 to 800,000 tons; sugarcane, 550,000 tons; sweet potatoes, 70,000 to 80,000 tons; corn, 3,967,857 bushels; raw cotton, 34,000 tons; peanuts, 13,888 tons; yerba maté (native tea), 15,000 tons; tobacco, 12,000 tons; rice, 6,000 to 8,000 tons; potatoes, 1,300 tons; wheat, 391,393 bushels; bananas, 7,000,000 bunches; pineapples, number, 8,000,000. Citrus fruit production, season ended 1948 (boxes): Oranges, 46,939; grapefruit, 56,385.

Livestock, 1946 estimate (thousands): Cattle, 3,500; swine, 450; sheep 224; goats, 25; horses, 300.

Chief forest products are quebracho extract (average production around 50,000 tons), petitgrain oil, and hardwoods.

MINING AND MANUFACTURING

Large iron ore deposits, also copper, manganese, and kaolin, and salts. No commercial exploitation except limestone, paving stone, and some salt.

Industry has developed principally in processing raw materials for export, such as quebracho extract, meat products, cotton, yerba maté, and essential oils. Small factories produce foodstuffs, beverages, cheap textiles, shoes, leather goods, furniture, soap, matches, and tobacco products for domestic use.

TRANSPORTATION AND COMMUNICATION

Railways (miles): Common carriers, 300; private industrial lines, 385. Telegraphs: Offices, 122; miles of wire, 5,598. Telephones: Offices, 33; miles of wire, 3,309; number of instruments, 4,400.

FOREIGN TRADE

Per capita trade.—1947: Imports, $19.25; exports, $18.55.

Basis of trade statistics.—The foreign trade statistics are recorded as general imports and exports, including reexports. Gold, silver, and specie cannot be separated from other precious metals. Exports include in-transit shipments consigned to Argentina and Uruguay and later reconsigned to other countries. Country of origin is recorded for imports and country of destination or consignment for exports.

Foreign trade values, recorded in gold pesos in 1934–43 and in guaranies in 1944–47, were converted to United States dollars at the following rates:

Year	Conversion rate	Year	Conversion rate	Year	Conversion rate
1934	$0.5739	1939	$0.5245	1944	$0.3246
1935	.5981	1940	.5199	1945	.3236
1936	.6663	1941	.5384	1946	.3236
1937	.6825	1942	.5368	1947	.3236
1938	.5797	1943	.5597		

Value of Imports and Exports[1]

Year	Thousands of gold pesos		Thousands of dollars	
	Imports	Exports including reexports	Imports	Exports including reexports
1934	11,341	12,378	6,508	7,104
1935	11,639	11,396	6,962	6,816
1936	9,814	9,432	6,539	6,285
1937	12,401	12,066	8,464	8,235
1938	13,082	12,017	7,584	6,966
1939	12,604	13,164	6,611	6,904
1940	14,895	11,385	7,744	5,919
1941	12,188	15,153	6,562	8,158
1942	17,162	16,540	9,212	8,878
1943	21,054	20,245	11,784	11,331
	Thousands of guaranies			
1944	40,038	42,334	12,996	13,742
1945	54,661	68,933	17,688	22,307
1946	66,389	82,677	21,484	26,754
1947	68,087	65,703	22,033	21,261

[1] May include gold and silver.

Trade With Principal Countries [1] (Thousands of Dollars)

Country	Imports					Exports, including reexports				
	1937	1938	1945	1946	1947	1937	1938	1945	1946	1947
Total trade[2]	**8,464**	**7,584**	**17,688**	**21,484**	**22,033**	**8,235**	**6,966**	**22,307**	**26,754**	**21,262**
United States	643	726	2,357	4,488	6,436	643	852	2,799	1,030	460
United Kingdom	756	730	434	1,603	1,331	882	907	3,062	3,093	2,053
Argentina	3,362	2,898	8,940	10,169	7,664	1,579	1,489	6,111	6,796	8,606
Argentina "in transit"	-------	-------	-------	-------	-------	1,926	1,790	7,852	11,191	7,315
Brazil	107	80	3,932	3,143	3,279	2	1	97	41	3
Uruguay	109	193	720	949	556	155	97	1,277	2,028	1,551
Uruguay "in transit"	-------	-------		-------	-------	-------	1	802	1,544	847
Belgium	197	172	-------	77	461	335	388	23	313	4
Netherlands	55	52	-------	23	55	247	76	2	418	179
France	98	119	(3)	8	160	99	140	16	33	80
Germany	1,189	867	1	6	11	1,442	991	-------	-------	-------
Switzerland	39	87	148	200	505	(3)	-------	22	7	(3)
Italy	213	191	(3)	9	203	538	17	-------	116	52
Japan	1,162	1,132	-------	-------	-------	5	-------	-------	-------	-------
Other countries	534	337	1,156	809	1,372	382	217	244	144	112
Percent of total:										
United States	7.6	9.6	13.3	20.9	29.2	7.8	12.2	12.5	3.9	2.2
United Kingdom	8.9	9.6	2.5	7.5	6.0	10.7	13.0	13.7	11.6	9.7
Argentina	39.7	38.2	50.5	47.3	34.8	19.2	21.4	27.4	25.4	40.5
Argentina "in transit"						23.4	25.7	35.2	41.8	34.4
Brazil	1.3	1.0	22.2	14.6	14.9	(4)	(4)	.4	.2	(4)
Uruguay	1.3	2.5	4.1	4.4	2.5	1.9	1.4	5.7	7.6	7.3
Uruguay "in transit"							(4)	3.6	5.8	4.0
Belgium	2.3	2.3	-------	.4	2.1	4.1	5.6	.1	1.2	(4)
Germany	14.0	11.4	(4)	(4)	(4)	17.5	14.2	-------	-------	-------
Italy	2.5	2.5	(4)	(4)	.9	6.5	.2	-------	.4	.2
Japan	13.7	14.9	-------	-------	-------	.1	-------	-------	-------	-------

[1] As final destination of in-transit shipments is unknown, total recorded exports to any country must be considered subject to revision upward.
[2] May include gold and silver.
[3] Less than $500
[4] Less than 0.05 percent.

Imports by Commodity Groups, Total and from the United States (Thousands of Dollars)

Commodity group	Total imports 1937	Total imports 1938	Total imports 1945	Imports from the United States 1937	Imports from the United States 1938	Imports from the United States 1945
General imports, total[1]	**8,464**	**7,584**	**17,688**	**643**	**726**	**2,357**
Foodstuffs, beverages, and tobacco	2,087	1,790	6,477	20	15	30
Mineral oils, stones and earths, and coal and coke	517	470	840	86	121	187
Chinaware, porcelain, and ceramic products	36	27	77	2	1	15
Glass, crystal, and manufactures	73	50	129	1	2	38
Paints, perfumes, soaps, medicines, and chemicals	423	343	1,036	34	35	397
Metals and manufactures; clocks, jewelry and plated ware	1,185	926	1,566	64	75	663
Machinery and apparatus; parts and accessories	850	738	840	198	150	355
Vehicles, aircraft, railway material, boats, and parts	355	518	502	197	228	327
Wood and manufactures	59	140	217	7	65	21
Paper and cardboard, and manufactures	200	200	408	7	14	63
Cotton and manufactures	1,460	1,318	3,792	3	3	28
Linen, jute, hemp, and other vegetable fibers, and manufactures	279	226	462	1	(2)	1
Wool, hair, bristles, and manufactures	281	235	429	(2)	1	26
Silk and rayon, and manufactures	218	172	157	1	(2)	36
Hides and skins and manufactures; feathers and animal wastes	74	47	205	1	1	1
Miscellaneous articles	337	253	450	17	14	146
Articles free of duty not included in these groups	30	131	101	4	1	23

[1] May include gold and silver.
[2] Less than $500.

Exports of Principal Commodities

Commodity	Quantity (thousands of pounds) 1937	Quantity 1938	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1937	Value 1938	Value 1945	Value 1946
Exports including reexports, total[1]	------	------	------	------	**8,235**	**6,966**	**22,307**	**26,754**
Animal products:								
Canned meat	8,839	11,102	31,048	34,211	389	434	4,216	3,812
Meat extracts	888	1,743	2,756	(2)	550	917	675	(2)
Cattle hides	653	798	24,416	23,007	767	801	1,916	2,743
Bristles	336	345	490	(2)	45	39	250	(2)
Fertilizers	5,659	877	11,531	(2)	43	96	284	(2)
Vegetable products:								
Tobacco	9,589	5,953	9,501	15,783	341	193	1,229	2,081
Yerba maté	9,137	10,149	14,198	15,344	511	482	533	877
Cotton	25,974	20,120	29,276	31,252	3,027	1,851	3,454	4,223
Cottonseed cake	19,511	14,932	24,764	(2)	91	59	136	(2)
Castor oil	------	------	1,302	935	------	------	125	122
Coconut oil	214	12	2,133	1,627	10	(3)	326	255
Forest products:								
Quebracho extract	84,708	81,211	115,486	105,325	1,573	1,281	3,612	3,828
Petitgrain oil	260	234	536	897	242	184	715	1,193
Unmanufactured wood	------	------	------	------	295	239	3,481	[4] 3,830
Other merchandise	------	------	------	------	288	348	991	[5] 3,756
Reexports	------	------	------	------	63	42	355	(2)

[1] May include gold and silver.
[2] Data not available.
[3] Less than $500.
[4] May include wood manufactures.
[5] Includes exports for which commodity detail is not available.

Principal Exports to the United States

Commodity	Quantity (thousands of pounds)			Value (thousands of dollars)		
	1937	1938	1945	1937	1938	1945
Exports to the United States, total, including reexports[1]				643	852	2,799
Animal products:						
Canned meat	3,756	4,619	9,552	169	179	1,232
Meat extracts		201	884		106	142
Cattle hides	16	59	84	20	62	124
Other hides and skins	11	2	109	1	(2)	92
Bristles	2		57	(2)		32
Vegetable and forest products:						
Tung oil			110			27
Quebracho extract	19,836	27,342	28,833	368	431	886
Petitgrain oil	84	54	130	78	43	179
Other merchandise				7	31	73
Reexports					(2)	12

[1] May include gold and silver.
[2] Less than $500.

FINANCE

Government Receipts and Expenditures (Thousands of Guaranies)

Year	Receipts	Expenditures	Deficit	Year	Receipts	Expenditures	Deficit
1940	10,800	12,200	1,400	1944	21,327	26,209	4,882
1941	12,200	13,300	1,100	1945	24,478	31,283	6,805
1942	14,327	16,622	2,295	1946	30,437	34,283	3,846
1943	16,189	20,353	4,164	1947	41,682	49,274	7,592

Public Debt, December 31 (Thousands of Guaranies)

Item	1940	1941	1942	1943	1944	1945	1946	1947
External debt	20,538	27,811	31,587	(1)	38,857	46,590	47,183	48,923
Internal debt	14,299	18,345	21,512	(1)	37,700	39,762	37,529	51,001

[1] Not available.

Currency and exchange.—The unit of currency since November 7, 1943, is the guaraní; par value announced by the International Monetary Fund on December 18, 1946, $0.323625 (3.09 guaranies to the dollar). Before November 1943 the unit of currency was the Paraguayan peso. (Note.—Data in the finance tables expressed in guaranies for the period before November 1943 have been converted from pesos at the rate of 100 pesos to the guaraní.)

Annual Average Exchange Rates (Units of Paraguayan Currency per U. S. $1) [1]

Year	Official	Free	Year	Official	Free
1939	308.70	322.58	1944	3.11	307.20
1940	300.30	357.14	1945	3.12	[2] 3.41
1941	329.66	333.33	1946	3.12	3.25
1942	333.00	333.33	1947	3.12	3.31
1943	333.00	312.50	1948	3.12	3.62

[1] The paper peso was the basic unit of Paraguayan currency until November 7, 1943, when it was replaced by the guaraní.
[2] Established December 4, 1945.

Composition of Money Supply (Millions of Guaranies)

Year	Currency[1]	Deposits[2]	Total	Year	Currency[1]	Deposits[2]	Total
1939	7.4	5.0	12.4	1944	20.9	21.3	42.2
1940	8.0	6.3	14.3	1945	23.9	26.5	50.4
1941	10.9	9.9	20.8	1946	28.8	29.5	58.3
1942	13.7	13.6	27.3	1947	39.0	26.2	65.2
1943	16.0	22.0	38.0				

[1] Notes and coins in the hands of the public.
[2] Sight and current account deposits in the Bank of Paraguay and in other banks, excluding official and interbank deposits.

PRINCIPAL SOURCES

Industrial y Comercial.
La Producción Total del Pâraguay en 1946 y su Valor Neto.
Anuario Estadístico.
Memoria de la Dirección General de Estadística.

PERU

(See general explanatory note, p. vi)

AREA AND POPULATION

Area estimated at about 483,000 square miles (exclusive of territory to be added to Peru under an agreement negotiated with Ecuador in January 1942). Population, midyear 1947 official estimate, 7,922,000; 1943 official estimate, 7,395,687.

Cities: Lima, 628,821; Callao, 85,000; Arequipa, 100,000; Cuzco, 45,230; Chiclayo, 31,609; Trujillo, 41,589; Iquitos, 33,539; Huancayo, 20,000; Ica, 21,280; Ayacucho, 18,190; Huarás, 11,628; Piura, 29,674.

Education.—Average school attendance (1942): Elementary, 726,993; secondary and special, 40,393; university, 5,891. Illiteracy estimated at about 58 percent of total population.

AGRICULTURE

Land distribution, 1943 (thousand acres): Arable land, 3,756; permanent meadow and pasture, 17,247.

Livestock, 1947 (thousands): Cattle, 2,662; sheep, 17,287; goats, 962; horses, 453; donkeys, 349; mules, 123.

Estimated wool production, 1947 (with 1946 data in parentheses), in thousand pounds: Sheep's, 7,222 (8,005); llama, alpaca, etc., 2,331 (3,836).

Guano production, 1947 (with 1946 data in parentheses), in metric tons: 160,433 (113,536).

Preliminary estimate of 1947 cotton production, 64,400 metric tons, value approximately 240,000,000 soles (1946 figures, 71,262 metric tons and 239,169,000 soles).

Principal Crops: Area and Production

Crop	Area (thousands of acres)			Production (thousands of metric tons)		
	1921–25, average	1946	1947	1921–25, average	1946	1947
Wheat	245	[1] 258	261	81	90	100
Rice, rough	78	125	111	53	192	130
Sugarcane	130	124	124	2,665	3,292	3,478
Sugar, raw				300	390	413
Cotton, ginned	[2] 281	[2] 346	[2] 309	44	71	64

[1] 1942.
[2] Acreage planted.

MINING AND MANUFACTURING

Value of mineral production for 1946 and 1947, respectively: Total, excluding petroleum, 287,000,000 and 384,000,000 soles; petroleum, 120,552,285 and 139,093,085 soles.

Production of Principal Minerals

Product	Quantity		Value (thousands of soles)	
	1946	1947	1946	1947
Gold ... grams	4,926,108	3,065,000	36,030	26,270
Silver ... kilograms	383,635	335,300	64,259	50,338
Copper ... metric tons	24,592	22,418	51,710	66,498
Lead ... do	44,518	54,814	50,027	110,770
Zinc ... do	53,410	58,081	41,142	54,865
Bismuth ... kilograms	311,433	236,800	6,337	6,652
Antimony ... do	1,213,042	1,283,300	2,350	4,679
Tungsten ... do	305,859	347,000	2,641	6,865
Vanadium ... do	574,858	771,200	2,330	2,965
Cadmium ... do	850	1,400	14	29
Arsenic, white ... metric tons	753	608	432	349
Indium ... grams	155,692	305,000	73	141
Cement ... barrels (of 375 lb.)	1,536,866	1,497,676	15,307	19,815
Coal:				
Anthracite ... metric tons	82,089	82,045	3,036	2,707
Bituminous ... do	147,561	133,332	2,954	2,666
Petroleum, crude ... barrels	12,455,991	12,763,807	111,839	130,701
Natural gasoline ... gallons	43,565,928	41,958,462	8,713	8,392

Industrial products (besides petroleum and ore refining): Textiles (wool, cotton, and rayon); food products; leather and shoes; certain chemicals and drugs; paint; cement; glass; paper; tires; silver manufactures.

TRANSPORTATION AND COMMUNICATION

Communication Services: Postal, Radio, Telephone, and Telegraph

Service	1938	1939	1940	1941	1942	1946
Postal:						
Offices ... number	1,219	1,252	1,272	1,299	1,444	1,676
Mail received:						
Domestic ... 1,000 pieces	17,062	18,033	25,049	24,050	22,713	30,628
Foreign ... do	4,689	5,632	5,558	5,558	3,192	4,425
Mail dispatched:						
Domestic ... do	17,397	18,274	17,975	17,971	22,978	25,830
Foreign ... do	2,419	2,873	3,054	3,047	3,350	2,779
Money orders paid:						
Number, total	------	64,414	42,365	41,990	------	54,988
Domestic	------	63,731	41,836	41,269	------	54,602
Foreign	1,066	683	529	721	680	386
Value, total ... 1,000 soles	2,336	2,299	2,257	2,252	2,447	3,914
Domestic ... do	2,294	2,258	2,207	2,194	2,385	3,871
Foreign ... do	42	41	50	58	62	43
Parcels received, foreign:						
Number	46,784	33,680	38,110	53,204	39,448	55,802
Value ... 1,000 soles	9	7	8	10	12	10
Gross receipts ... do	2,605	3,081	3,961	4,636	4,707	------
Radio:						
Messages received ... thousands	264	334	368	432	407	626
Messages transmitted ... do	252	319	351	418	394	611
Telephone:						
Length of wire ... miles	99,543	106,068	111,131	107,470	107,893	------
Instruments ... number	20,840	23,519	26,084	26,926	27,174	------
Gross receipts[1] ... 1,000 soles	2,119	2,884	3,794	4,155	4,259	------
Telegraph:						
Length of wire ... miles	11,016	11,018	11,206	11,678	11,869	12,947
Messages received ... thousands	1,837	1,972	1,930	2,162	2,310	3,178
Messages transmitted ... do	1,765	1,932	1,873	2,038	2,273	3,155
Gross receipts ... 1,000 soles	718	975	1,209	1,391	1,515	------
Cable messages received ... thousands	100	102	101	107	66	167
Cable messages transmitted ... do	104	108	105	108	66	169

[1] Peruvian Telephone Co. only.

Railways.—Length of lines, approximately 2,800 miles. Operating statistics of Peruvian Corporation, Ltd., for 1947, with 1946 data in parentheses: Number of passengers, 3,020,760 (3,151,556); freight, 1,796,667 metric tons (1,879,951); gross revenues, 48,464,800 soles (45,159,953); gross expenditures, 46,864,110 soles (38,865,613).

Highways, 1947.—Total mileage, approximately 19,433: Asphalt-surfaced, 1,503; water-bound macadam, 6,416; improved earth and crushed stone, 4,360; unimproved dirt roads, 7,153. Expenditures of Bureau of Roads, approximately 25,000,000 soles.

Motor vehicle registrations for Lima metropolitan area as of December 31, 1947, with 1946 data in parentheses: Passenger cars, 16,099 (12,585); trucks, 7,304 (6,158); busses, 1,252 (995).

Civil aviation.—Total traffic on international air lines, July 1, 1946–June 30, 1947: Passengers, 47,367; cargo, 94,198 kilograms; mail, 3,135 kilograms.

Merchant marine and shipping, 1946, with 1945 data in parentheses.—Merchant marine: 66 (57) vessels of 33,971 (26,480) gross tons. Entrances into Peruvian ports: 6,424 (6,417) vessels totaling 6,840,413 (5,493,612) net registered tons. Departures from Peruvian ports: 6,402 (6,441) vessels totaling 6,781,304 (5,438,986) net registered tons.

FOREIGN TRADE

Per capita trade.—1947: Imports, $21.20; exports, $19.45.

Basis of trade statistics.—Foreign trade statistics represent imports for consumption and exports of domestic products, plus "exportación nacionalizada," that is, foreign merchandise that has been cleared through customs and subsequently reshipped.

Parcel-post shipments are included in imports.

Although commerce in transit is excluded from the totals, special tables appearing in official foreign trade manuals indicate the volume of merchandise shipments that move cross-country under the terms of agreements and treaties Peru has arranged with neighboring states.

Imports are valued on a "calculated" c. i. f. basis, which means that 20 percent is added to their value f. o. b. foreign port to cover freight and insurance to point of entry in Peru.

Exports are valued principally f. o. b. Peruvian frontier or port of embarkation.

Foreign trade values have been converted from Peruvian soles to United States dollars at the following rates: 1934, $0.2304; 1935, $0.2387; 1936, $0.2488; 1937, $0.2525; 1938, $0.2242; 1939, $0.1876; 1940, $0.1621; 1941–47, $0.1538.

Value of Imports and Exports

Year	Thousands of soles				Thousands of dollars			
	Merchandise		Gold, silver, and money		Merchandise		Gold, silver, and money	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
1934	169, 612	288, 516	1, 640	16, 577	39, 079	66, 474	378	3, 819
1935	180, 603	299, 263	462	9, 661	43, 110	71, 434	110	2, 306
1936	200, 447	325, 298	54	10, 515	49, 871	80, 934	13	2, 616
1937	235, 144	353, 652	61	11, 788	59, 374	89, 297	15	2, 976
1938	260, 149	315, 786	10	26, 343	58, 325	70, 799	2	5, 906
1939	255, 786	355, 565	1	25, 856	47, 985	66, 704	(1)	4, 851
1940	318, 666	359, 279	66	46, 534	51, 656	58, 239	11	7, 543
1941	357, 722	451, 327	106	42, 768	55, 018	69, 414	16	6, 578
1942	332, 440	448, 735	6, 253	46, 227	51, 129	69, 015	962	7, 110
1943	446, 483	433, 079	2, 883	27, 239	68, 669	66, 608	443	4, 189
1944	514, 031	531, 499	391	15, 837	79, 058	81, 745	60	2, 436
1945	548, 871	655, 500	1, 012	19, 030	84, 416	100, 816	156	2, 927
1946	802, 286	960, 541	19	23, 042	123, 392	147, 731	3	3, 544
1947	[2] 1, 092, 322	[2] 1, 002, 943	(3)	(3)	[2] 167, 999	[2] 154, 253	(3)	(3)

[1] Less than $500.
[2] Preliminary figures; include gold, silver, and money.
[3] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports for consumption					General exports				
	1938	1939	1945	1946	1947[1]	1938	1939	1945	1946	1947[1]
Merchandise trade, total (excluding gold, silver and money)	**58, 325**	**47, 985**	**84, 416**	**123, 392**	**167, 999**	**70, 799**	**66, 704**	**100, 816**	**147, 731**	**154, 253**
United States	20, 003	19, 711	47, 531	69, 289	97, 888	18, 900	19, 282	32, 947	35, 389	45, 137
Belgium	1, 621	1, 110	(2)	455	1, 787	2, 870	1, 907	110	2, 833	4, 603
France	1, 562	1, 702	2	205	940	4, 894	3, 999	642	5, 114	5, 117
Germany	11, 843	7, 059	-------	(2)	26	8, 091	4, 279	-------	-------	8
United Kingdom	5, 907	4, 036	2, 819	8, 028	11, 013	11, 090	11, 640	6, 265	12, 356	13, 273
Netherlands	1, 176	1, 018	(2)	166	538	834	1, 409	72	1, 841	2, 639
Switzerland	787	592	1, 104	3, 592	3, 659	1	153	2, 935	4, 824	3, 482
Canada	1, 102	1, 284	4, 048	2, 904	3, 914	3, 744	783	24	665	159
Cuba	95	128	346	534	330	9	15	480	918	32
Mexico	25	37	1, 258	2, 531	1, 537	(2)	2	5, 317	138	188
Nicaragua	95	207	237	236	142	120	154	182	54	388
Argentina	3, 565	2, 599	11, 625	17, 575	22, 533	5, 976	4, 149	3, 301	4, 534	3, 620
Bolivia	7	3	194	263	585	965	937	6, 002	6, 257	4, 877
Brazil	60	117	2, 558	1, 893	1, 439	1, 482	3, 426	539	1, 295	655
Chile	1, 171	1, 017	4, 913	6, 434	6, 000	4, 636	5, 627	19, 963	29, 180	30, 245
Colombia	1	2	44	63	66	56	85	2, 971	6, 840	7, 024
Uruguay	165	13	412	341	290	1, 626	1, 623	3, 978	8, 992	9, 897
India	997	1, 192	1, 915	1, 813	3, 184	10	63	1, 084	7, 302	963
China	87	123	173	3	24	10	94	-------	3, 862	468
Other countries	8, 056	6, 035	5, 237	7, 067	12, 104	5, 485	7, 077	14, 004	15, 337	21, 478
Percent of total merchandise trade:										
United States	34. 3	41. 1	56. 0	56. 2	58. 3	26. 7	28. 9	32. 7	24. 0	29. 3
France	2. 3	3. 4	(3)	. 2	. 6	6. 9	6. 0	. 6	3. 5	3. 3
Germany	20. 3	14. 7	-------	(3)	(3)	11. 4	6. 4	-------	-------	(3)
United Kingdom	10. 1	8. 4	3. 3	6. 5	6. 6	15. 7	17. 5	6. 2	8. 4	8. 6
Switzerland	1. 3	1. 2	1. 3	2. 9	2. 2	(3)	. 2	2. 9	3. 3	2. 2
Argentina	6. 1	5. 4	13. 8	14. 2	13. 4	8. 4	6. 2	3. 3	3. 1	2. 3
Chile	2. 0	2. 1	5. 8	5. 2	3. 6	6. 5	8. 4	19. 8	19. 8	19. 6
Colombia	(3)	(3)	. 1	. 1	(3)	. 1	. 1	2. 9	4. 6	4. 6
Uruguay	. 3	(3)	. 5	. 3	. 2	2. 3	2. 4	3. 9	6. 1	6. 4
India	1. 7	2. 5	2. 3	1. 5	1. 9	(3)	. 1	1. 1	4. 9	. 6
Gold, silver and money, total	2	(2)	156	3	(4)	5, 906	4, 851	2, 927	3, 544	(4)
United States	2	(2)	156	-------	-------	1, 661	2, 453	2, 275	3, 015	-------
Belgium	-------	-------	-------	-------	-------	-------	-------	-------	3	-------
United Kingdom	(2)	(2)	-------	-------	-------	4, 245	2, 395	121	352	-------
Canada	-------	-------	-------	-------	-------	-------	-------	-------	142	-------
Cuba	-------	-------	-------	-------	-------	-------	-------	6	-------	-------
Mexico	-------	-------	-------	3	-------	-------	-------	-------	-------	-------
Nicaragua	-------	-------	-------	-------	-------	-------	1	-------	-------	-------
Argentina	-------	-------	-------	(2)	-------	-------	-------	54	-------	-------
Bolivia	-------	-------	-------	-------	-------	-------	(2)	-------	6	-------
Brazil	-------	-------	-------	-------	-------	-------	-------	302	26	-------
Colombia	-------	-------	-------	-------	-------	-------	-------	116	-------	-------
Uruguay	-------	-------	-------	-------	-------	-------	-------	53	-------	-------

[1] Preliminary figures; include gold, silver and money.
[2] Less than $500.
[3] Less than 0.05 percent.
[4] Not available.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Merchandise imports for consumption, total (excluding gold, silver, and specie)					**58,325**	**47,986**	**84,416**	**123,392**
Cattle, number	5,389	12,741	3,768	1,988	126	216	638	497
Meat, preserved, 1,000 lb.	832	508	618	1,378	158	91	187	459
Meat, fresh or dried, do.	288	282	11,852	13,243	30	26	1,094	1,298
Lard, pure, do.	300	215	7,836	7,617	26	15	698	1,358
Milk, processed, do.	11,553	11,037	2,503	5,177	759	693	551	1,093
Butter, pure, do.	350	336	1,244	3,013	77	72	322	918
Cheese, do.	816	720	720	1,086	128	90	109	310
Hides and skins, do.	1,150	79	2,192	4,093	349	251	1,138	689
Articles of rubber, celluloid, and other compositions, 1,000 lb.	51	35	81	219	65	40	232	512
Barley[1], 1,000 bu.	112	131	283	240	218	188	939	901
Oats and rolled oats, 1,000 lb.	6,054	5,769	5,638	5,982	158	146	264	447
Rice, hulled, do.	71,377	46,242	28,265	6,701	1,475	797	1,995	496
Wheat, 1,000 bu.	4,812	4,443	5,621	4,048	3,395	2,247	7,359	10,079
Wheat flour, 1,000 bbl.	22	22	136	60	127	92	957	626
Fruit, fresh, 1,000 lb.	24,609	18,335	13,741	21,927	284	177	247	440
Tea, do.	1,334	983	859	1,191	266	186	255	421
Beverages and liquors					291	241	515	654
Rubber tires and tubes, 1,000 lb.	2,087	2,643	161	1,591	693	909	130	1,060
Tanning extracts, do.	3,620	4,124	7,340	9,928	108	119	402	606
Tobacco and manufactures, do.	318	468	1,167	897	165	244	932	853
Cotton:								
Thread and yarn, do.	809	851	1,053	1,159	374	397	973	1,196
Fabric and trimmings					2,433	1,491	1,890	2,612
Other manufactures					1,200	766	1,115	1,515
Wool:								
Yarn					279	178	31	138
Fabric and trimmings					1,033	741	766	1,535
Other manufactures including those of hair and feathers					264	196	321	285
Silk and rayon:								
Thread, 1,000 lb.	973	1,092	719	1,214	499	457	613	1,443
Fabrics, do.	86	65	78	317	227	145	416	1,578
Other manufactures					325	231	621	814
Burlap, 1,000 lb.	1,615	1,604	1,182	1,738	124	115	222	309
Jute sacks, do.	16,238	22,430	12,086	10,554	760	1,152	1,474	1,131
Rigging and tackle, do.	1,805	1,798	1,212	3,302	163	137	276	627
Wood and manufactures:								
Lumber, sawed, 1,000 sq. ft.	56,062	40,224	19,099	47,178	1,199	852	1,212	2,997
Railroad ties, number	1,181,570	116,862	153,422	98,121	187	88	314	189
Boards, cut for crates, 1,000 lb.	19,657	22,086	493	1,341	357	421	25	66
Wood pulp, short tons	1	1,944	5,795	7,207	(2)	74	515	729
Paper and manufactures:								
Typographical or chrome, 1,000 lb.	2,694	2,491	2,917	3,653	156	111	338	451
Newsprint, do.	11,254	17,383	17,689	24,268	289	313	617	1,389
Other, including cardboard					1,034	923	1,515	1,585
Gasoline and gas oil, 1,000 bbl.	27	3	20	95	254	26	202	495
Lubricating oils other than refined, do.	25	30	28	42	443	499	617	899
Paraffin oils, do.	29	23	22	13	304	272	472	284
Cement, Portland and white, do.	243	242	75	164	214	240	244	516
Flat glass, 1,000 lb.	3,365	3,748	1,913	3,757	85	78	104	334
Chinaware, do.	2,844	1,662	1,670	1,955	214	103	342	477
Sanitary ware, pottery, do.	1,314	1,144	1,419	1,227	168	142	290	308
Iron and steel:								
Tin plate, short tons	6,355	6,044	2,747	1,682	722	590	324	218
Bars and plates, do.	20,095	24,005	23,887	32,824	1,101	1,317	1,806	2,858
Structural shapes, do.	1,416	834	1,049	2,606	137	81	147	342
Rails and other railway material, do.	4,804	2,701	6,044	8,414	326	133	404	671
Pipes and tubes, do.	10,590	11,318	16,130	17,771	1,023	1,024	2,024	2,574
Wire, plain and barbed, do.	3,252	3,502	1,951	2,364	251	241	196	329
Forged articles, including enameled, 1,000 lb.	202	922	716	836	22	110	261	326
Packing boxes, including galvanized or tinned, 1,000 lb.	10	12	1,552	2,354	1	1	218	328
Instruments and tools					1,164	1,025	2,820	3,281
Watches, dozen	4,850	2,844	2,969	4,884	107	65	220	339

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Electrical machinery and apparatus:								
Copper wire and cable, insulated 1,000 lb	2,804	1,850	2,162	3,930	404	282	569	870
Transformers do	454	404	289	567	216	119	121	336
Receivers and transmitters, telephone, telegraph, radio 1,000 lb	508	391	75	496	551	393	190	861
Accessories for installation do	261	179	428	432	156	106	324	401
Heating apparatus					112	93	98	348
Incandescent bulbs 1,000 doz	85	88	187	227	126	126	308	384
Dynamos 1,000 lb	47	60	221	589	18	25	122	418
Other					841	693	871	1,537
Machinery and vehicles:								
Agricultural, mining, naval, etc. 1,000 lb	10,264	7,260	8,266	8,913	1,584	1,490	2,169	2,787
Sewing and weaving do	683	638	333	459	236	228	195	333
Locomotives and boilers do	840	758	1,831	1,368	231	233	401	407
Railway cars and parts do	3,139	2,772	2,037	3,861	363	323	340	630
Cable cars and parts do	97	83	83	1,802	14	9	18	324
Airplanes and parts do	245	120	267	485	600	238	798	1,088
Trucks, busses and chassis number	2,191	1,466	[3] 1,186	[3] 2,925	2,239	1,259	[3] 1,731	[3] 4,505
Automobiles do	1,782	1,379	152	1,168	1,501	1,191	242	1,404
Parts for automotive vehicles 1,000 lb	1,792	1,803	2,924	4,180	578	632	1,598	2,159
Parts for machinery do	8,012	10,121	10,294	13,322	1,819	1,687	2,995	3,716
Cranes and derricks do	346	155	510	1,661	80	41	119	422
Other machinery and vehicles					3,038	1,979	5,511	8,718
Chemicals and medicines					1,890	2,339	2,777	4,146
Pharmaceutical specialities					1,122	946	1,624	2,642
Biological products					193	144	500	923
Druggists' supplies, etc					391	410	725	818
Coal-tar dyes 1,000 lb	379	330	354	287	324	252	344	390
Enamel and oil paints do	1,858	1,590	1,643	1,889	206	178	266	335
Fertilizers long tons	12,701	17,023	31,848	40,857	411	503	1,349	1,874
Dynamite and similar explosives 1,000 lb	4,303	5,086	4,293	2,947	547	634	535	346
Dentrifices do	213	198	266	462	123	125	199	402
Typewriters, calculating machines and parts 1,000 lb	230	230	93	223	388	325	245	520
Pencil holders and pencils					93	63	262	320
Motion-picture film, exposed 1,000 lb	35	37	49	78	153	140	198	367
Matches do	1,882	1,819	3,379	1,591	136	138	815	339
Other merchandise					11,304	9,067	12,948	19,520
Gold, silver and specie, total					2	(2)	156	3
Gold bullion, dust, and coins troy ounces	7	(4)		60	(2)	(4)		3
Silver bars, bullion, and coins do	3,279	322		(5)	2	(2)		(2)
Coins other than gold and silver do	(4)	(4)	6,257		(4)	(4)	156	

1 Includes small amounts of unhulled rye.
2 Less than $500.
3 Excludes bus chassis.
4 Not reported.
5 Less than one-half the unit.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Merchandise exports, including reexports, total (excluding gold, silver, and specie)	----------	----------	----------	----------	**70,799**	**66,704**	**100,816**	**147,731**
Hides and skins, including fur skins 1,000 lb	5,588	5,482	2,297	4,447	699	587	694	1,700
Fish and fish products, edible do	(1)	(1)	12,985	21,419	(2)	(2)	975	1,8[illegible]
Coffee, hulled do	4,979	7,310	5,506	1,966	354	438	695	228
Sugar, refined:								
White do	68,601	57,978	177,059	154,527	877	892	11,630	16,2[illegible]
Brown do	479,769	538,364	532,465	418,357	4,692	6,765	21,558	28,371
Kidney beans do	(3)	(3)	8,959	5,922	(3)	(3)	468	264
Cube (barbasco) do	1,231	2,437	8,046	11,431	157	202	1,452	1,107
Cottonseed cake long tons	41,136	41,154	(3)	(3)	509	426	(3)	(3)
Cotton, raw 1,000 lb	153,318	170,181	131,313	265,377	13,578	14,106	21,724	50,40[illegible]
Flax tow do	(3)	(3)	1,112	5,694	(3)	(3)	200	818
Sheep's wool do	5,144	5,354	3,986	645	704	761	673	113
Wool, other than sheep's do	7,173	8,068	8,100	8,293	1,778	1,946	2,073	2,786
Crude rubber, gum and balata	----------	----------	----------	----------	81	62	1,421	1,445
Coal 1,000 lb	2	647	63,212	132,825	(2)	1	241	484
Petroleum, crude long tons	1,192,374	850,764	26,691	170,277	16,478	10,605	257	1,882
Gasoline 1,000 bbl	2,354	2,909	3,514	3,138	7,188	8,223	8,403	7,938
Kerosene do	813	761	690	496	1,452	995	878	78[illegible]
Fuel oil do	375	495	5,013	3,235	379	434	3,283	3,046
Gas oil do	443	542	(3)	(3)	449	499	(3)	(3)
Ore:								
Antimony 1,000 lb	3,186	3,415	8,424	3,364	106	103	354	139
Copper do	29,791	18,941	9,360	530	726	440	98	17
Lead do	41,512	19,836	5,017	2,047	760	289	141	114
Tungsten do	351	308	7	----------	131	101	4	----------
Vanadium do	16,432	25,577	4,443	3	460	566	113	(3)
Zinc do	126	(3)	(3)	(3)	1	(3)	(3)	(3)
Concentrates:								
Antimony do	(3)	(3)	53	79	(3)	(3)	4	4
Copper do	2,030	4,366	23,509	19,000	92	199	682	97[illegible]
Lead do	74,863	57,537	46,761	24,045	1,731	1,201	1,506	[illegible]
Tungsten do	(3)	44	614	1,387	(3)	10	317	[illegible]
Vanadium do	6,362	6,288	3,657	2,047	345	412	632	[illegible]
Zinc do	55,459	63,720	169,624	216,334	260	219	2,174	3,[illegible]
Bismuth bars, refined do	455	848	703	536	351	692	615	[illegible]
Copper bars, containing gold and silver do	81,312	75,090	52,945	51,315	12,979	12,656	8,317	10,9[illegible]
Lead bars, refined do	62,783	45,801	83,098	78,133	1,116	671	3,499	3,9[illegible]
Manufactured articles, silver do	(1)	(1)	32	21	2	2	658	40[illegible]
Guano do	27,981	34,707	20	----------	633	679	3	----------
White arsenic, powdered do	(3)	(3)	9,423	6,766	(3)	(3)	368	[illegible]
Other merchandise	----------	----------	----------	----------	1,418	1,261	4,030	4,6[illegible]
Reexports	----------	----------	----------	----------	313	261	676	1,2[illegible]
Gold, silver, and related articles, total	----------	----------	----------	----------	5,906	4,851	2,927	3,5[illegible]
Gold:								
Ore troy ounces	463,067	(3)	(3)	(3)	(2)	(3)	(3)	(3)
Concentrates do	(3)	785,057	(3)	(3)	(3)	15	(3)	(3)
Precipitates do	41,185	37,809	18,551	----------	325	319	4	----------
Dross do	(3)	86,678	(3)	(3)	(3)	3	(3)	(3)
Placer do	179	(3)	(3)	(3)	5	(3)	(3)	(3)
Bars do	(3)	(3)	111,145	101,564	(3)	(3)	2,137	2,4[illegible]
Silver:								
Ore 1,000 troy oz	79,704	57,743	----------	4,392	95	75	----------	[illegible]
Concentrates do	83,901	48,020	22	----------	704	387	1	----------
Precipitates troy ounces	189,207	174,482	(3)	(3)	66	98	(3)	(3)
Dross do	(3)	(3)	126,835	73,722	(3)	(3)	9	4
Smelter waste do	(3)	238,205	26,782	----------	(3)	1	1	----------
Bars do	(3)	(3)	1,361,134	401,820	(3)	(3)	604	27[illegible]
Coins do	(3)	(3)	----------	2,505,604	(3)	(3)	----------	[illegible]
Gold and silver:								
Gold bars of a fineness less than 0.850, containing silver troy ounces	131,304	131,432	(3)	(3)	2,634	2,571	(3)	(3)
Gold bars of a fineness greater than 0.850, containing silver troy ounces	49,158	29,739	(3)	(3)	1,440	921	(3)	(3)
Silver bars of a fineness less than 0.850, containing gold troy ounces	226,727	75,426	(3)	(3)	634	459	(3)	(3)
Silver bars of a fineness greater than 0.850, containing gold troy ounces	2,540	(3)	28,421	----------	3	(3)	171	----------
Paper money in circulation	----------	----------	----------	----------	(3)	2	----------	

[1] Less than 500 pounds. [2] Less than $500. [3] Not reported in source.

Principal Imports from the United States

Commodity	Quantity 1938	Quantity 1939	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1938	Value 1939	Value 1945	Value 1946
Merchandise imports for consumption from the United States, total (excluding gold, silver, and specie)	-------	-------	-------	-------	20,003	19,711	47,531	69,289
Milk, processed ... 1,000 lb	1,024	839	1,992	4,489	93	77	465	973
Hides and skins ... do	20	16	24	28	80	62	280	182
Barley[1] ... 1,000 bu	(2)	7	59	31	(3)	14	206	110
Wheat ... do	56	-------	(2)	998	38	-------	(3)	2,735
Wheat flour ... 1,000 bbl	199	22	59	46	119	92	504	459
Beverages and liquors	-------	-------	-------	-------	5	7	228	298
Rubber tires and tubes ... 1,000 lb	861	1,100	59	967	297	377	41	655
Tobacco and manufactures ... do	92	145	887	350	61	97	616	304
Hops ... do	-------	37	126	146	-------	15	124	149
Articles of rubber, celluloid, and other compositions ... 1,000 lb	1	1	75	193	3	3	208	460
Cotton:								
Thread and yarn ... do	104	126	425	232	42	59	303	243
Fabric and trimming	-------	-------	-------	-------	59	68	303	680
Other manufactures	-------	-------	-------	-------	108	107	220	540
Wool:								
Fabric and trimmings	-------	-------	-------	-------	9	9	153	468
Other manufactures including those of hair and feathers	-------	-------	-------	-------	51	48	178	167
Silk and rayon:								
Thread ... 1,000 lb	(2)	10	644	800	(3)	10	516	667
Fabrics ... do	3	4	48	204	8	16	173	729
Other manufactures	-------	-------	-------	-------	69	90	398	632
Wood and manufactures:								
Lumber, sawed ... 1,000 sq. ft	46,368	36,554	12,986	34,165	989	769	646	2,019
Railroad ties ... number	1,034,404	53,660	75,279	500	131	50	197	1
Barrels and casks ... 1,000 lb	218	42	321	2,265	11	3	34	248
Wood pulp ... short tons	(2)	1,032	1,305	1,757	(3)	31	102	151
Paper and manufactures:								
Typographical or chrome ... 1,000 lb	158	184	2,134	2,463	12	13	239	288
Other, including cardboard ... do	717	2	1,356	806	318	344	835	1,219
Gasoline and gas oil ... 1,000 bbl	27	3	2	33	254	26	28	208
Lubricating oils, other than refined ... 1,000 bbl	23	29	28	42	416	478	616	863
Paraffin oils ... do	11	11	22	13	110	145	472	284
Cement, Portland and white ... do	4	7	33	112	25	44	127	305
Chinaware ... 1,000 lb	16	15	237	427	3	3	69	147
Sanitary ware, pottery ... do	220	289	909	626	42	49	175	139
Refractory bricks ... do	1,426	2,499	4,572	4,478	23	41	147	90
Iron and steel:								
Tin plate ... short tons	4,319	2,369	2,747	1,413	495	240	324	192
Bars and plates ... do	11,406	16,339	23,752	27,884	632	941	1,773	2,299
Galvanized sheets ... do	836	1,766	978	1,672	78	159	104	204
Structural shapes ... do	1,006	376	1,047	2,579	99	42	147	336
Rails and other railway material ... short tons	1,226	909	6,032	6,780	86	60	398	521
Pipes and tubes ... do	2,332	4,894	15,879	14,755	248	502	1,974	2,081
Wire, plain and barbed ... do	1,010	1,211	1,918	1,828	83	97	192	227
Cable and rope ... do	276	289	682	424	61	65	228	151
Nails and staples ... do	505	822	812	1,094	38	59	131	152
Packing boxes, including galvanized or tinned ... 1,000 lb	3	10	1,552	2,351	(3)	1	218	324
Instruments and tools	-------	-------	-------	-------	526	650	2,376	2,701
Bottle tops ... 1,000 lb	207	152	548	1,069	29	21	110	208
Metal furniture	-------	-------	-------	-------	80	79	9	149
Electrical machinery and apparatus:								
Copper wire and cable, insulated ... 1,000 lb	536	623	1,590	1,196	111	111	419	376
Dynamos ... do	10	34	221	566	5	17	122	402
Receivers and transmitters, telephone, telegraph, radio ... 1,000 lb	278	194	59	410	313	203	157	732
Accessories for installation ... do	94	85	287	257	82	63	216	204
Refrigerators and parts ... do	444	398	101	490	116	110	54	200
Incandescent bulbs ... 1,000 doz	22	26	185	155	44	48	304	271
Other	-------	-------	-------	-------	474	386	835	1,074

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1945	1946	1938	1939	1945	1946
Machinery and vehicles:								
Agricultural, mining, naval, etc. 1,000 lb	7,357	5,807	7,935	7,870	1,591	1,251	2,113	2,380
Sewing and weaving do	408	454	304	132	157	174	183	114
Locomotives and boilers do	129	200	1,748	706	16	34	380	127
Railway cars and parts do	872	984	2,006	3,565	105	177	320	576
Cable cars and parts do	75	57	83	1,568	9	5	18	280
Airplanes and parts do	161	99	246	479	331	207	677	1,073
Trucks, busses and chassis number	2,040	1,442	[4] 1,105	[4] 2,731	1,740	1,218	[4] 1,611	[4] 4,198
Automobiles do	1,481	1,238	145	956	1,312	1,088	227	1,183
Parts for automotive vehicles 1,000 lb	1,490	1,640	--------	4,059	459	567	--------	2,058
Parts for machinery do	4,023	6,668	8,792	10,074	1,010	1,104	2,472	2,688
Cranes and derricks do	285	92	510	1,534	70	34	119	384
Other machinery and vehicles	--------	--------	--------	--------	1,460	1,029	6,405	6,659
Chemicals and medicines	--------	--------	--------	--------	716	1,152	1,996	2,775
Pharmaceutical specialties	--------	--------	--------	--------	321	360	1,353	2,035
Biological products	--------	--------	--------	--------	35	28	385	784
Druggists' supplies	--------	--------	--------	--------	112	208	668	739
Coal-tar dyes 1,000 lb	28	49	294	194	15	48	250	191
Enamel and oil paints do	613	583	292	555	97	92	75	139
Fertilizers long tons	6	253	3,814	3,983	1	19	170	192
Dynamite and similar explosives 1,000 lb	2,646	3,449	4,293	2,283	335	429	535	268
Dentifrices do	108	124	264	461	86	99	197	400
Typewriters and calculating machines 1,000 lb	197	185	72	153	294	273	184	337
Pencil holders and pencils	--------	--------	--------	--------	20	20	193	288
Motion-picture film, exposed 1,000 lb	23	24	36	60	92	87	134	260
Photographic film, not exposed do	12	14	50	103	16	21	87	196
Scientific instruments do	14	10	46	49	26	24	122	149
Matches do	(2)	(2)	1,800	945	(3)	(3)	436	195
Other merchandise	--------	--------	--------	--------	2,601	2,962	7,527	9,448
Gold, silver, and specie, total	--------	--------	--------	--------	2	(3)	156	--------
Silver bars, bullion, and coins troy ounces	3,247	(2)	--------	--------	2	(3)	--------	--------
Coins other than gold and silver 1,000 troy oz	(5)	(5)	6,250	--------	(5)	(5)	156	--------

[1] Includes small amount of unhulled rye.
[2] Less than one-half the unit.
[3] Less than $500.
[4] Excluding bus chassis.
[5] Not reported in source.

Principal Exports to the United States

Commodity	Quantity 1938	Quantity 1939	Quantity 1945	Quantity 1946	Value (thousands of dollars) 1938	Value 1939	Value 1945	Value 1946
Merchandise exports, to the United States, total, including reexports (excluding gold, silver, and specie)	--------	--------	--------	--------	**18,900**	**19,282**	**32,947**	**35,389**
Hides and skins, including fur skins 1,000 lb	1,557	1,881	2,026	2,993	227	256	612	1,004
Coffee, hulled do	628	624	4,623	1,219	46	36	585	149
Sugar, refined:								
White do	23,131	1,261	9,519	--------	295	23	320	--------
Brown do	89,825	79,506	63,188	95,391	880	1,106	1,501	2,303
Kidney beans do	(1)	(1)	8,919	5,565	(1)	(1)	468	249
Cube (barbasco) do	646	1,969	8,046	11,431	65	142	1,452	1,107
Cotton, raw do	--------	1,512	20,254	27,828	--------	134	3,531	5,791
Flax tow do	(1)	(1)	1,112	1,262	(1)	(1)	200	167
Sheep's wool do	--------	1,876	3,966	600	--------	275	670	107
Wool other than sheep's do	1,264	2,759	6,122	4,125	371	771	1,691	1,616
Crude rubber, gum, and balata	--------	--------	--------	--------	59	39	1,417	1,445
Ore:								
Antimony 1,000 lb	704	1,335	7,660	183	35	42	320	8
Copper do	21,175	15,129	9,360	530	565	391	98	17
Lead do	17,526	11,380	5,017	2,047	273	150	141	114
Tungsten do	--------	77	7	--------	--------	36	4	--------
Vanadium do	16,432	25,577	4,443	3	460	566	113	(2)
Concentrates:								
Antimony do	(1)	(1)	--------	--------	(1)	(1)	--------	--------
Copper do	2,030	4,364	23,509	19,000	92	199	682	979
Lead do	19,910	17,283	46,761	17,662	635	526	1,506	646
Tungsten do	(1)	--------	596	428	(1)	--------	309	227
Vanadium do	6,362	6,288	3,657	2,047	345	411	632	360
Zinc do	38,062	32,590	169,624	180,141	183	132	2,174	2,581
Bismuth bars, refined do	455	787	478	367	351	633	418	356
Copper bars, containing gold and silver 1,000 lb	81,312	75,090	52,945	51,315	12,979	12,656	8,317	10,912
Lead bars, refined do	3,471	8,734	69,629	27,937	62	128	2,931	1,412
Guano do	26,878	10,527	20	--------	629	207	3	--------
White arsenic, powdered do	(1)	(1)	8,993	5,131	(1)	(1)	351	201
Other merchandise	--------	--------	--------	--------	285	374	2,351	3,385
Reexports	--------	--------	--------	--------	63	49	150	253
Gold, silver, and related articles, total	--------	--------	--------	--------	1,661	2,454	2,275	3,015
Gold:								
Ore troy ounces	463,067	(1)	(1)	(1)	(2)	(1)	(1)	(1)
Concentrates do	(1)	785,057	(1)	(1)	(1)	15	(1)	(1)
Precipitates do	41,185	37,809	18,551	--------	325	319	4	--------
Dross do	(1)	86,678	(1)	(1)	(1)	3	(1)	(1)
Bars do	(1)	(1)	108,219	101,468	(1)	(1)	2,077	2,463
Silver:								
Ore 1,000 troy oz	79,704	57,428	--------	4,392	95	73	--------	20
Concentrates do	83,901	47,927	22	--------	704	381	1	--------
Precipitates troy ounces	15,786	27,682	(1)	(1)	41	77	(1)	--------
Dross do	(1)	(1)	126,835	73,722	(1)	(1)	9	4
Smelter waste do	(1)	95,134	26,782	--------	(1)	(2)	1	--------
Bars do	(1)	(1)	19,773	125,002	(1)	(1)	12	75
Coins do	(1)	(1)	--------	1,455,207	(1)	(1)	--------	451
Gold and silver:								
Gold bars of a fineness less than 0.850, containing silver troy ounces	2,958	50,670	(1)	(1)	75	1,039	(1)	(1)
Gold bars of a fineness greater than 0.850, containing silver troy ounces	14,018	10,545	(1)	(1)	420	333	(1)	(1)
Silver bars of a fineness less than 0.850, containing gold troy ounces	64	29,514	(1)	(1)	1	214	(1)	(1)
Silver bars of a fineness greater than 0.850, containing gold troy ounces	--------	(1)	28,421	--------	--------	(1)	171	--------
Paper money in circulation	--------	--------	--------	--------	(1)	--------	--------	2

[1] Not reported in source.
[2] Less than $500.

FINANCE

Government Receipts and Expenditures (Thousands of Soles)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947[1]	1948[2]
Receipts	208, 490	218, 735	267, 544	310, 434	350, 935	410, 119	434, 817	622, 481	882, 600	927, 000
Expenditures	235, 806	210, 193	328, 219	409, 083	423, 603	507, 945	536, 454	699, 499	879, 800	927, 000

[1] Preliminary figures; do not include receipts and expenditures chargeable to 1947, effected during the 3-month period January-March, 1948.
[2] Approved budget estimate.

Public Debt (Millions of Soles)

December 31—	External funded[1]	Internal funded	Floating and short term	Total
1939	347. 5	85. 3	241. 7	674. 5
1940	347. 5	116. 3	252. 6	716. 4
1941	346. 5	144. 1	293. 3	783. 9
1942	346. 0	169. 4	356. 5	871. 9
1943	345. 5	198. 0	436. 5	980. 0
1944	344. 9	252. 1	596. 2	1, 193. 2
1945	344. 4	249. 0	709. 6	1, 303. 0
1946[2]	344. 2	529. 7	428. 9	1, 302. 8
1947[2]	343. 6	530. 0	508. 2	1, 381. 8

[1] Foreign currency debts converted into soles at 3. 57171 soles per dollar. Conversion at the current official rate of 6.50 soles per dollar and corresponding rates for other currencies would increase the sol equivalent of the external debt by about 82 percent.
[2] June 30.

Reserve Position of Central Bank (Thousands of Soles)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Assets:									
Gold, and silver coins	48, 545	50, 669	57, 644	80, 579	121, 414	125, 288	101, 464	74, 480	[1] 70, 900
Balances abroad	2, 415	---------	4, 822	43, 712	29, 601	12, 192	55, 490	50, 494	63, 335
Total	50, 960	50, 669	62, 466	124, 291	151, 015	137, 480	156, 954	124, 974	134, 235
Liabilities:									
Notes in circulation	131, 886	142, 740	208, 509	283, 047	343, 017	416, 601	502, 185	598, 855	699, 067
Deposits	34, 830	45, 885	45, 182	115, 230	156, 318	177, 250	233, 257	191, 011	[2] 258, 065
Total	166, 716	188, 625	253, 691	398, 277	499, 335	593, 851	735, 442	789, 866	957, 132

[1] Includes 20,491 soles, Peru's subscription in gold to the International Monetary Fund.
[2] Includes 16,261 soles in sight obligations to the International Monetary Fund.

Currency and exchange.—The unit of currency is the sol (plural, soles); par value announced by the International Monetary Fund, December 18, 1946, $0.153846 (6.50 soles to the dollar).

Annual Average Exchange Rates
[Selling rate; soles per dollar in Lima]

Year	Rate	Year	Rate
1939	5. 33	1944	6. 50
1940	6. 17	1945	6. 50
1941	6. 50	1946: Official	6. 50
1942	6. 50	Free[1]	7. 85
1943	6. 50	1947: Official	6. 50
		Free	12. 48

[1] June 3, 1946, to January 4, 1947.

PRINCIPAL SOURCES

Censo Nacional de Población y Ocupación.
Extracto Estadístico del Perú, Peruvian National Statistical Office (annual).
Balance y Cuenta General de la República (annual).
Boletín del Banco Central de Reserva del Perú (monthly).
Anuario del Comercio Exterior del Perú, Departamento de Estadística General de Aduanas (annual).
Anuario Estadístico del Perú (annual).
Boletín Mensual de la Cámara de Comercio de Lima (monthly).

EL SALVADOR

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 13,176 square miles. Population: June 1947 estimate, 2,046,758; 1933 census, 1,549,999. Roughly one third urban. Cities, end of 1945: San Salvador, 120,155; Santa Ana, 97,271; San Miguel, 48,915; Ahuachapan, 35,836; San Vicente, 33,735; Chalchuapa, 27,509; Zacatecoluca, 31,525; Sensuntepeque, 25,495; Ilobasco, 25,256; Izalco, 25,090; Metapan, 22,113.

School enrollment, 1945: Kindergarten, 3,638; primary, 106,024; secondary, 4,837; National University, 1,110.

AGRICULTURE

Chief crop, coffee, normally about 80 percent of total value of exports; grown on 12,000 fincas (farms), comprising more than 200,000 acres. Production, in thousands of pounds, seasons ended: 1942, 142,713; 1943, 148,271; 1944, 137,040; 1945, 127,203; 1946, 109,544; 1947, 123,824 (exports).

Other crops, in thousands of pounds, 1947: Sugar, 60,246; corn, 608,580; maicillo (feed crop), 304,290; beans, 91,287; rice, 60,858; sesame seed, 3,021; yucca (for human consumption), 5,850; henequen, 6,949; onions, 1,415; tobacco, 945; peanuts, 527; balsam, 171; indigo, 27. (Data for beans, rice, and sesame seed are estimates.)

Livestock, 1945: Cattle, 659,822; horses, 163,649; swine, 382,324; goats, 18,963; sheep, 8,665.

TRANSPORTATION AND COMMUNICATION

Highways, 1945, all types: 1,377 miles. Railways, 1946: 385 miles of track. Air service, 1947, 2 lines: 32,437 passengers, 727 short tons of cargo, 22,560 pieces of mail. Shipping, 1947: 372 boats cleared, 497 passengers, 243,254 short tons of cargo.

Postal service, 1945: Domestic, 3,250,059 pieces; foreign, 1,536,948 pieces. Telegraphs, 1947: 1,536,948 messages. Telephones, 1947: Total instruments in use, 6,047. Wireless, 1948: 2 short- and long-wave stations, and 1 short-wave station; 12,000 receiving sets in use; radiograms, 32,205 messages (1947); radiotelephone, 4,807 messages (1947). Cables, 72,010 messages (1947).

FOREIGN TRADE

Per capita trade.—1947: Imports, $18.05; exports, $19.55.

Basis of trade statistics.—The foreign trade statistics represent general imports and exports including reexports. Parcel-post, overland, and air shipments are included.

Imports are valued c. i. f., El Salvadoran frontier and exports are valued f. o. b., El Salvadoran port, including export duties.

The United States dollar equivalents were derived by conversion of the colón at 2.50 colones to the United States dollar, or $0.40 per colón.

Value of Imports and Exports (Thousands of Dollars)

Year	Total trade		Gold, silver, and specie		Year	Total trade		Gold, silver, and specie	
	Imports	Exports	Imports	Exports		Imports	Exports	Imports	Exports
1934	8,171	9,144	3	191	1941	8,331	11,204	26	1,237
1935	9,063	10,837	99	762	1942	8,572	18,484	34	1,537
1936	8,435	10,098	65	582	1943	11,943	22,530	160	1,169
1937	10,416	15,516	29	707	1944	12,273	22,986	41	938
1938	9,147	10,946	14	674	1945	13,534	21,332	73	450
1939	8,850	12,739	38	656	1946	21,136	26,152	282	1,041
1940	8,108	12,228	30	1,830	1947	36,933	40,059	162	599

Trade With Principal Countries (Thousands of Dollars)

Country	General Imports			Exports, including reexports		
	1937	1938	1945	1937	1938	1945
Total, including gold, silver, and specie	**10,416**	**9,147**	**13,534**	**15,516**	**10,946**	**21,332**
United States	4,208	4,279	9,159	9,413	6,759	18,051
Canada	61	48	414	559	14	1,251
Mexico	27	33	1,326	2	58	252
Germany	3,228	1,926	----	1,733	1,079	----
United Kingdom	1,147	833	315	172	151	91
France	283	289	7	382	80	----
Italy	215	480	(1)	412	86	----
Netherlands	71	53	295	124	78	----
Norway	16	18	----	1,026	989	----
Sweden	57	65	6	678	589	30
Peru	220	141	250	19	19	33
Guatemala	105	87	190	93	108	507
Honduras	167	269	837	227	403	720
Other countries	611	626	735	676	533	397
Percent of total:						
United States	40.4	46.8	67.7	60.7	61.7	84.6
Canada	.6	.5	3.1	3.6	.1	5.9
Mexico	.3	.4	9.8	(2)	.5	1.2
Germany	31.0	21.1	----	11.2	9.9	----
United Kingdom	11.0	9.1	2.3	1.1	1.4	.4
France	2.7	3.2	(2)	2.5	.7	----
Italy	2.1	5.2	(2)	2.7	.8	----
Norway	.2	.2	----	6.6	9.0	----
Sweden	.5	.7	(2)	4.4	5.4	.1
Honduras	1.6	2.9	6.2	1.5	3.7	3.4
Gold, silver, and specie:						
United States	4	3	54	546	481	449
Mexico	----	----	8	----	56	----
Germany	(1)	(1)	----	----	----	----
United Kingdom	----	----	----	161	137	----
Switzerland	(1)	----	----	----	----	----
Guatemala	4	5	10	----	----	1
Honduras	21	6	----	----	----	----

[1] Less than $500.
[2] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1945	1937	1938	1945
General imports, total[1]				**10,416**	**9,147**	**13,534**
Cattle ... number	6,583	13,004	16,322	59	116	313
Meats, prepared ... 1,000 lb	62	62	62	19	19	26
Cheese ... do	253	228	182	21	19	30
Fish and shellfish ... do	225	272	172	27	33	30
Wheat ... 1,000 bu	228	208	129	312	260	267
Wheat flour ... 1,000 bbl	24	25	95	161	144	775
Vegetables, fresh and dried ... 1,000 lb	237	257	1,710	6	6	87
Fruits, fresh and dried ... do	902	872	231	51	47	25
Leaf tobacco ... do	213	865	1,756	32	44	254
Wine, beer, and liquor	-------	-------	-------	117	131	186
Leather ... 1,000 lb	194	167	233	269	205	245
Cotton:						
Yarn and thread ... do	208	137	287	136	70	274
Fabric ... do	3,565	3,673	1,751	1,735	1,513	1,763
Wool fabric ... do	54	75	32	103	119	143
Silk and rayon fabric ... do	123	158	147	183	216	330
Clothing and household linens	-------	-------	-------	404	313	348
Paper and cardboard ... 1,000 lb	4,442	3,976	3,484	264	225	313
Rubber manufactures ... do	345	286	243	146	114	162
Petroleum and products	-------	-------	-------	621	484	664
Cement ... 1,000 bbl	109	54	81	198	104	304
Earthenware and china ... 1,000 lb	412	386	373	59	62	84
Glass and glassware ... do	904	750	1,552	88	82	167
Iron and steel and manufactures ... long tons	5,698	3,500	5,787	740	519	784
Machinery, apparatus, and parts ... do	1,540	936	1,364	816	641	941
Automobiles and trucks	-------	-------	-------	528	393	171
Accessories and parts (except tires) for automobiles and trucks ... 1,000 lb	288	185	75	105	88	19
Chemicals and chemical products:						
Chemicals and pharmaceuticals ... do	3,494	3,100	4,539	708	632	1,144
Powder and explosives ... do	186	237	92	33	33	17
Fertilizers ... do	3,603	1,745	9,920	86	43	275
Colors, paints, and varnishes ... do	558	494	853	90	85	175
Soaps ... do	128	147	216	25	28	64
Perfumery and toilet preparations ... do	221	178	276	137	112	262
Electrical materials ... do	448	410	532	127	126	169
Airplanes and parts	-------	-------	-------	3	161	128
Other merchandise	-------	-------	-------	1,978	1,946	2,522
Gold, silver, and specie:						
Gold, bars and other forms ... 1,000 troy oz	-------	(2)	1	5	8	9
Silver, bars and other forms ... do	(2)	(2)	(2)	(3)	-------	(3)
Bank notes	-------	-------	-------	24	6	19
Nickel coins	-------	-------	-------	-------	-------	45

[1] Includes gold, silver, and specie. [2] Less than 500 troy ounces. [3] Less than $500.

Exports of Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1945	1937	1938	1945
Exports, including reexports, total[1]	-------	-------	-------	**15,516**	**10,946**	**21,332**
Coffee ... 1,000 lb	149,070	118,617	127,247	14,125	9,512	18,693
Sugar ... do	7,247	9,324	(2)	144	201	(3)
Rice ... do	2,615	2,897	10	55	96	1
Balsam ... do	150	180	313	82	76	216
Henequen fiber ... do	2,261	405	-------	107	19	
Indigo ... do	47	51	113	25	20	55
Cotton ... do	41	2	1,873	1	(3)	261
Cotton fabric ... do	5	35	369	2	16	291
Cattle ... number	595	8,750	20,117	3	45	392
Other merchandise	-------	-------	-------	265	287	973
Gold, silver, and specie:						
Gold, bars and other forms ... 1,000 troy oz	83	30	17	674	589	348
Silver, bars and other forms ... do	65	155	224	28	60	102
Gold coins	-------	-------	-------	4	5	(3)
Silver coins	-------	-------	-------	1	20	-------

[1] Includes gold, silver, and specie. [2] Less than 500 pounds. [3] Less than $500.

Trade With the United States by Principal Commodities

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1945	1937	1938	1945
Imports from the United States, total[1]	----	----	----	**4,208**	**4,279**	**9,159**
Wheat ....1,000 bu..	197	200	26	265	251	53
Wheat flour ....1,000 bbl..	24	25	95	161	144	772
Fruits, fresh and dried ....1,000 lb..	611	557	117	49	45	23
Leather ....do..	84	167	32	124	158	61
Cotton:						
Yarn and thread ....do..	60	99	75	35	35	66
Fabric ....do..	849	2,185	1,269	336	667	1,139
Wool fabric ....do..	1	8	11	2	3	35
Silk and rayon fabric ....do..	4	20	139	7	28	300
Clothing and household linens	----	----	----	103	114	227
Paper and cardboard ....1,000 lb..	1,080	750	2,239	77	69	259
Rubber manufactures ....do..	300	216	239	115	82	158
Petroleum products	----	----	----	400	342	144
Cement ....1,000 bbl..	1	3	80	3	7	301
Earthenware and china ....1,000 lb..	412	386	330	5	10	74
Glass and glassware ....do..	145	173	1,154	17	18	121
Iron and steel and manufactures ....long tons..	1,865	1,810	5,758	305	249	743
Machinery, apparatus, and parts ....do..	991	602	1,262	466	383	849
Automobiles, and trucks	----	----	----	438	332	169
Accessories and parts (except tires) for automobiles and trucks ....1,000 lb..	200	129	75	55	46	19
Chemicals and chemical products:						
Chemicals and pharmaceuticals ....do..	2,001	1,586	3,480	259	233	867
Explosives ....do..	171	199	92	28	27	17
Fertilizers ....do..	321	12	2,965	7	1	69
Colors, paints, and varnishes ....do..	204	191	704	34	33	154
Soaps ....do..	74	103	200	15	20	62
Perfumery and toilet preparations ....do..	111	100	231	64	58	230
Electrical materials ....do..	148	286	443	47	72	148
Airplanes and parts	----	----	----	2	2	128
Other merchandise	----	----	----	785	847	1,917
Gold, silver, and specie:						
Gold, bars and other forms ....1,000 troy oz..	----	(2)	1	4	3	9
Silver, bars and other forms ....do..	(2)	(2)	(2)	(3)	----	(3)
Bank notes	----	----	----	----	(3)	----
Nickel coins	----	----	----	----	----	45
Exports to the United States, total[1]	----	----	----	**9,413**	**6,759**	**18,051**
Coffee ....1,000 lb..	90,857	75,265	117,717	8,705	6,191	17,228
Sugar ....do..	----	358	----	----	5	----
Balsam ....do..	100	107	214	51	40	147
Henequen fiber ....do..	1,721	262	----	82	12	----
Cotton ....do..	----	----	527	----	----	25
Cattle ....number..	----	----	12,897	----	----	143
Other merchandise	----	----	----	29	30	59
Gold, silver, and specie:						
Gold, bars and other forms ....1,000 troy oz..	20	24	16	531	449	348
Silver, bars and other forms ....do..	28	80	223	11	27	101
Gold coins	----	----	----	4	5	----
Silver coins	----	----	----	(3)	----	----

[1] Includes gold, silver, and specie.
[2] Less than 500 troy ounces.
[3] Less than $500.

FINANCE

Government Revenues and Expenditures (Thousands of Colones)

Item	1938-39[1]	1939[2]	1940[3]	1941	1942	1943	1944[4]	1945[4]	1946	1947
Revenues	18,049	10,906	17,377	17,833	20,147	24,309	28,708	31,475	34,213	53,134
Expenditures	17,138	10,103	20,107	19,843	20,292	21,449	29,177	31,561	33,691	51,876

[1] Fiscal year July 1-June 30.
[2] Six months July 1-Dec. 31.
[3] Fiscal year same as calendar year beginning Jan. 1, 1946.
[4] Legislated budget figures; liquidated budget figures not available.

Public debt.—In 1938 El Salvador suspended payment on its external debt, the loan of 1922, the principal outstanding at that time amounting to $7,760,600 (19,401,500 colones) plus 763,390 pounds sterling (7,710,239 colones). In December 1945 adjustment of this debt was authorized and new bonds dated January 1, 1946, were issued totaling $10,032,500 (25,081,250 colones) and £946,590 (9,560,559 colones) to cover the principal plus half of the interest from 1938 to 1946. Service and amortization payments are being made regularly.

Total Public Debt Outstanding as of December 31, 1946 and 1947
(Thousands of Colones)

Type of obligation	1946	1947
Loan of 1922:		
Dollars[1]	26,066	23,355
Sterling[1]	9,796	8,852
Other dollar obligations	4,121	3,849
Total external debt	39,983	36,056
Internal debt	1,560	2,270
Total public debt	41,543	38,326

[1] Including unrefunded interest prior to 1938.

Circulating Media (Thousands of Colones)
[Annual averages]

Year	Bank notes and coins in circulation	Sight deposits in banks	Total	Year	Bank notes and coins in circulation	Sight deposits in banks	Total
1938	16,528	9,416	25,944	1944	44,268	29,703	73,971
1939	16,765	9,613	26,378	1945	47,245	32,531	79,777
1940	16,255	7,823	24,078	1946	47,837	38,485	86,322
1941	17,234	7,431	24,665	1947	53,554	45,761	99,316
1942	24,020	13,564	37,584	1948	54,274	43,866	98,140
1943	32,882	22,460	55,342				

International Reserves of Central Reserve Bank (Thousands of colones)
[Annual averages]

Year	Gold holdings	Foreign exchange	Total	Year	Gold holdings	Foreign exchange	Total
1938	13,192	4,678	17,870	1944	31,972	34,644	66,616
1939	13,208	5,193	18,401	1945	33,114	36,745	69,859
1940	13,219	3,015	16,234	1946	32,726	38,886	71,612
1941	13,240	2,137	15,377	1947	36,573	43,342	[2] 79,915
1942	[1] 18,930	10,651	29,581	1948	36,536	44,709	[2] 81,245
1943	25,568	23,945	49,513				

[1] Conversion rate changed to 87.50 colones ($35) per troy ounce as of June 1942.
[2] Plus deposit in International Monetary Fund of 6,250,000 colones.

Currency and exchange.—The unit of currency is the colón (plural, colones); parity announced by the International Monetary Fund, December 18, 1946, $0.40 (2.50 colones to the dollar). This rate of 2.50 colones to the dollar has been maintained throughout recent years.

PRINCIPAL SOURCES

Anuario Estadístico del Comercio Exterior, Part I and Part II.

URUGUAY

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 72,153 square miles. Population, December 1947 estimate, 2,350,000 (1941 estimate, 2,186,000). About 50 percent of population is urban. Cities (1947 estimate): Montevideo, 850,000; Paysandú, 65,000; Salto, 50,000; Minas, 35,000; Mercedes, 25,000.

Education.—1947 estimate: 1,850 elementary schools, 6,750 teachers, 250,000 students; 59 secondary schools, 15,000 students; 1 university (containing 9 colleges).

AGRICULTURE AND LIVESTOCK

Land distribution (million acres): Under cultivation (chiefly grains), 6.2; pasturage, 30.9; other surface territory, 9.1.

Principal Crops: Area and Production, by Crop Years

Crop	Area (thousands of acres)					Production (thousands of units—bushels, except as indicated)				
	1942-43	1943-44	1944-45	1945-46	1946-47	1942-43	1943-44	1944-45	1945-46	1946-47
Wheat	986	818	787	875	659	12,385	11,025	6,121	7,960	6,682
Linseed	336	254	353	592	300	[1] 101,430	[1] 158,760	[1] 238,786	[1] 288,941	[1] 159,227
Oats	193	400	155	177	107	2,687	5,374	2,315	2,587	1,411
Barley	47	57	54	60	71	597	1,056	693	749	526
Corn	457	601	459	496	460	1,851	9,341	2,614	5,508	4,977
Sunflower seed	69	137	229	145	134	[1] 13,230	[1] 89,011	[1] 84,429	66,572	[1] 61,409
Peanuts	17	12	15	16	23	[1] 4,410	[1] 9,753	[1] 10,791	11,856	[1] 12,504
Rice	12	12	13	20	25	[1] 33,075	[1] 37,435	[1] 37,450	67,429	[1] 77,550

[1] Unit, pound.

Livestock, 1947 estimate (thousands): Cattle, 7,000; sheep, 24,000; swine, 250; horses, 546. Wool clip (thousand pounds), 1942-43 to 1946-47 crop years, consecutively: 123,621, 147,896, 156,628, 175,253, and 176,400.

Slaughtering of cattle, sheep, and hogs, 1943-47, consecutively (thousand head): Cattle, 1,207, 636, 723, 897, and 727; sheep, 1,855, 1,431, 1,476, 1,545, and 1,294; hogs, 56, 79, 143, 166, and 132.

MINING AND MANUFACTURING

Various minerals present; exploitation negligible in metallic minerals. Production of nonmetallic minerals, 1944 estimates (thousand metric tons): Sand, 2,565; limestone, 304; gravel, 208; marble, 16; refractory clay, 2; talc rock, 2; quartz, 2.

Leading industrial products: Meat-packing products, agricultural food products, construction materials, glassware, beverages, tobacco, metal products, textiles and clothing, wood and paper products, leather and manufactures, rubber products, drugs and chemicals, petroleum products. Manufacturing: Estimated 90,000 employes; value of production, 200,000,000 pesos.

TRANSPORTATION AND COMMUNICATION

Railways (1946).—Length of lines, 1,874 miles; passengers carried, 7,060,000; freight carried, 2,028,000 metric tons.

Highways.—Total of 25,050 miles of roads, including 3,050 of national highways.

Air lines (1944).—Flight-miles, 107,551; flight-hours, 900; passengers carried, 29,394; freight carried, 20 metric tons; gross receipts, 569,000 pesos.

Telephone, telegraph, and radio.—Telephones: Number of instruments (1947), 71,732; length of wire (1940), 254,000 miles. Telegraphs, 7 international lines; 2 local lines with 18 branch offices; 4,604 miles of lines. Radios (1947), 44 broadcasting stations; about 230,000 radio sets.

FOREIGN TRADE

Per capita trade.—1947: Imports, $91.55; exports, $69.15.

Basis of trade statistics.—Uruguayan trade statistics relate primarily to imports for consumption and exports of Uruguayan products, but certain reexports are included. Ships' stores are included in exports. Import totals exclude gold imported through banking institutions, minted coins, expenditures for minting coins, and paper money; other gold is included. Export figures include gold in coins. Import values are the appraised values c. i. f. Uruguay; exports values are market values f. o. b. Uruguay.

Values in United States dollars for the years 1940–47 are those shown by the Comisión Honoraria de Contralor de Exportationes e Importationes in the 1947 *Memoria*. For the year 1940 both peso and dollar figures are available. Foreign trade values have been converted from Uruguayan pesos to United States dollars at the following rates: 1934, imports and exports, $0.4400; 1935, imports and exports, $0.4510; 1936, imports, $0.7381, exports, $0.6630; 1937, imports, $0.8278, exports, $0.6630; 1938, imports, $0.8255, exports, $0.6400; 1939, imports, $0.7811, exports, $0.6500; 1940, imports, $0.7401, exports, $0.6014. The conversion rates are approximations owing to the variety of exchange; the figures, therefore, should be considered rather as a reflection of general trends than as an absolute statement of values.

Value of Imports and Exports

Year	Thousands of pesos		Thousands of dollars [1]	
	Imports	Exports	Imports	Exports
1934	61, 375	69, 773	27, 005	30, 700
1935	59, 476	95, 362	26, 824	43, 008
1936	66, 353	90, 217	48, 975	59, 814
1937	80, 150	98, 932	66, 348	65, 592
1938	74, 582	96, 343	61, 567	61, 660
1939	65, 880	101, 366	51, 459	65, 888
1940	74, 228	110, 473	54, 934	66, 438
1941			63, 135	70, 846
1942			63, 662	57, 775
1943			63, 808	100, 022
1944			[2] 72, 303	[3] 97, 559
1945			[2] 93, 696	[3] 122, 010
1946			[2] 147, 152	[3] 152, 765
1947			[2] 215, 106	[3] 162, 503

[1] Values for 1941-47 shown in dollars only, in Uruguayan source.
[2] Excludes gold in banking transactions, coin, charges for coinage, and paper money.
[3] Gold and silver not reported.

Trade With Principal Countries (Thousands of Dollars)

Country of origin or destination	Imports				Exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total trade (excluding banking gold and money)	**66,348**	**61,567**	**147,152**	**215,106**	**65,592**	**61,660**	**152,765**	**162,503**
United States	9,143	7,198	48,138	82,342	9,264	2,449	45,538	46,473
Belgium	3,334	1,717	2,993	5,350	2,600	1,709	3,930	11,097
Czechoslovakia	621	770	60	1,182	1,094	1,631	1,090	1,612
Denmark	80	508	24	945	133	233	1,721	2,418
France	1,610	1,322	1,266	3,902	3,038	4,567	8,719	9,599
Germany	7,304	9,992	(1)	18	8,810	14,490	429	809
Greece	35	43	35	65	(1)	62	1,014	263
Hungary	32	897	(1)	21	491	104	(1)	36
Ireland	------	(1)	(1)	10	------	------	909	1,653
Italy	2,361	2,605	2,257	8,528	3,572	2,725	5,738	4,845
Netherlands	1,971	1,196	560	1,765	1,011	1,645	7,632	13,173
Poland	384	364	11	3	225	1,362	218	4,361
Portugal	482	111	490	483	515	110	490	1,279
Spain	522	133	1,276	1,761	80	155	79	35
Sweden	545	834	3,170	3,859	1,220	1,191	6,341	9,825
Switzerland	412	537	3,460	4,764	226	164	5,494	7,464
U.S.S.R.	50	3	4	114	------	------	5,150	2,568
United Kingdom	11,125	12,574	12,737	17,887	15,824	16,133	34,397	19,999
Yugoslavia	195	116	------	87	280	838	2	2,238
Canada	399	209	2,933	3,912	282	167	657	122
Mexico	1,221	221	1,569	2,096	148	171	977	107
Netherlands Antilles	5,859	2,632	2,928	3,851	------	6	355	309
Puerto Rico	------	------	------	2	3	3	2,395	520
Argentina	4,231	2,811	12,046	25,197	6,233	5,891	1,921	3,213
Brazil	4,133	4,790	17,164	18,370	1,780	2,221	3,136	2,012
Chile	208	323	1,493	1,893	48	35	370	109
Cuba	73	78	6,918	562	4	22	672	3,143
Ecuador	1,733	463	1,928	1,924	------	------	289	499
Paraguay	188	224	3,962	3,922	106	180	477	165
Peru	2,189	2,066	10,928	10,951	------	43	344	196
Venezuela	1	1	2,252	1,683	44	79	2,338	1,816
Australia	------	------	(1)	21	------	------	(1)	1,363
India	679	715	1,807	2,320	------	------	158	2
Japan	3,116	2,951	------	------	6,405	1,030	------	(1)
Union of South Africa	(1)	------	1,474	1,782	------	(1)	1,868	2,967
Other countries	2,112	3,163	3,269	3,534	2,156	2,244	7,917	6,213
Percent of total:								
United States	13.8	11.7	32.7	38.3	14.1	4.0	29.8	28.6
Belgium	5.0	2.8	2.0	2.5	4.0	2.8	2.6	6.8
Czechoslovakia	.9	1.2	(2)	.5	1.7	2.6	.7	1.0
France	2.4	2.1	.9	1.8	4.6	7.4	5.7	5.9
Germany	11.0	16.2	(2)	8.5	13.4	23.5	.3	.5
Italy	3.6	4.2	1.5	4.0	5.4	4.4	3.8	3.0
Netherlands	3.0	1.9	.4	.8	1.5	2.7	5.0	8.1
Sweden	.8	1.4	2.2	1.8	1.8	1.9	4.2	6.0
Switzerland	.6	.9	2.4	2.2	.3	.3	3.6	4.6
United Kingdom	16.8	20.4	8.6	8.3	24.1	26.2	22.5	12.3
Argentina	6.4	4.6	8.2	11.7	9.5	9.6	1.2	2.0
Brazil	6.2	7.8	11.7	8.5	2.7	3.6	2.0	1.2

[1] Less than $500.
[2] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Imports, total (excluding banking gold and money)	-------	-------	-------	-------	**66, 348**	**61, 567**	**147, 152**	**215, 106**
Animals, live	-------	-------	-------	-------	482	288	742	5, 545
Furs .... 1,000 lb	(1)	(1)	52	59	(1)	(1)	395	409
Wheat .... 1,000 bu	970	4	2, 938	4, 707	1, 422	3	7, 955	15, 382
Fodder and feeds .... 1,000 lb	(1)	(1)	33, 698	100, 143	(1)	(1)	1, 229	2, 094
Corn, for distilling .... 1,000 bu	50	13	-------	394	39	9	-------	596
Barley, for beer and distillation .... do	80	-------	86	302	103	-------	137	742
Peas, beans, and other legumes, except seed .... 1,000 lb	1, 573	1, 475	5, 528	4, 693	61	60	342	458
Potatoes, for food .... 1,000 bu	1, 228 (food and seed)	656	464	1, 323	1, 660 (food and seed)	884	974	3, 069
Potatoes, seed .... do			93	218			279	700
Peanuts, in the shell and shelled .... 1,000 lb	23, 068	35, 591	937	-------	882	1, 448	25	-------
Olive oil, edible .... do	4, 769	5, 284	-------	430	537	594	-------	399
Bananas .... 1,000 bunches	(2)	(2)	686	705	474	449	572	672
Coffee, green .... 1,000 lb	4, 852	6, 109	8, 586	6, 892	437	549	1, 018	956
Tea .... do	429	467	550	723	129	140	282	492
Yerba maté .... do	43, 655	50, 070	40, 046	42, 816	1, 639	1, 875	3, 063	3, 686
Sugar, not refined .... do	17, 489	16, 165	100, 477	74, 984	356	392	8, 002	6, 736
Sugar, refined .... do	94, 586	113, 876	102, 837	48, 231	3, 552	4, 264	11, 077	5, 164
Whiskey .... 1,000 gal	-------	-------	74	87	53	19	384	510
Wines and liquors, other .... do	-------	-------	153	142	391	453	535	577
Canned goods .... 1,000 lb	236	191	891	1, 026	44	35	410	645
Vegetable oils, expressed, industrial .... do	1, 430	2, 171	662	1, 014	75	121	161	500
Rubber, natural and synthetic .... do	2	12	2, 818	3, 885	1	4	871	908
Tires and tubes for motor vehicles .... number	(2)	(2)	54, 285	97, 553	754	412	1, 317	1, 580
Raw material for pneumatic tires .... 1,000 lb	(1)	(1)	906	1, 809	(1)	(1)	502	1, 313
Rosin .... do	4, 178	3, 972	3, 011	7, 064	78	74	271	832
Tobacco, unmanufactured .... do	2, 885	3, 474	8, 158	4, 178	296	321	2, 874	2, 277
Alcohol and spirits, for processing .... 1,000 gal	(1)	(1)	866	167	(1)	(1)	842	1, 246
Cotton, raw .... 1,000 lb	250	592	14, 876	9, 543	26	62	3, 083	2, 786
Cotton yarn, thread, and twine .... do	-------	-------	1, 563	3, 072	1, 240	1, 231	1, 804	3, 611
Cotton fabrics, pure .... do	-------	-------	2, 181	4, 920	2, 133	2, 247	3, 715	9, 624
Wool fabrics, pure .... do	521	362	150	239	593	417	609	1, 144
Wool fabrics, mixed with cotton or rayon .... 1,000 lb	546	557	63	119	287	282	192	383
Rayon yarn .... do	633	830	580	1, 001	311	406	700	1, 504
Rayon fabrics, pure .... do	(1) (pure and mixed)	1, 996	1, 432	1, 672	2, 336 (pure and mixed)	2, 099	4, 661	6, 178
Rayon fabrics, mixed with cotton .... do			209	295			491	798
Burlap .... do	10, 509	12, 871	8, 278	8, 067	552	676	1, 356	1, 684
Wood and lumber:								
Pine, spruce, etc. .... long tons	-------	-------	51, 181	52, 684	1, 353	1, 229	3, 800	4, 345
Cedar, oak, other hardwoods .... do	-------	-------	22, 633	19, 874	106	101	783	799
Plywood .... do	2, 365	3, 324	1, 107	1, 561	160	225	249	394
Railway sleepers .... do	5, 617	13, 349	12, 308	11, 941	57	134	436	400
Other, for building and construction	-------	-------	-------	-------	305	292	876	749
Wood pulp .... short tons	3, 958	2, 706	6, 367	7, 259	119	81	592	1, 108
Newsprint .... 1,000 lb	28, 269	26, 179	25, 831	30, 333	637	588	1, 346	2, 070
Printing paper; other .... do	9, 917	15, 626	9, 663	7, 783	522	820	999	972
Paper and cardboard, other (except printed matter) .... 1,000 lb	6, 567	6, 307	5, 721	4, 930	525	490	864	960
Coal and coke .... long tons	411, 472	328, 582	155, 122	110, 011	3, 461	2, 756	2, 810	2, 404
Petroleum and products:								
Crude petroleum .... do	36, 688	136, 012	257, 401	302, 757	771	2, 852	4, 149	5, 868
Fuel and Diesel oil .... 1,000 bbl	[3] 1, 647	[3] 1, 450	1, 557	1, 352	[3] 2, 633	[3] 2, 312	3, 062	3, 286
Kerosene .... do	200	49	(1)	66	1, 251	307	(1)	247
Gasoline .... do	519	187	145	193	6, 832	2, 456	523	768
Lubricating oils and greases .... do	30	53	77	158	451	792	952	1, 952
Glass for construction purposes .... 1,000 lb	2, 838	5, 444	5, 239	6, 602	82	152	440	663
Tiles, flagstones, slate, etc., for use in construction .... 1,000 lb	3, 526	3, 483	2, 343	3, 620	103	107	257	516
Sanitary articles of ceramic materials .... 1,000 lb	943	1, 129	1, 459	1, 966	114	137	307	493
Household porcelain and ceramics .... do	-------	-------	1, 190	1, 735	271	228	378	684
Salt, for human consumption .... do	66, 210	65, 924	143, 579	73, 116	149	151	949	428
Iron and steel:								
Ingots and scrap .... short tons	3, 465	2, 927	12, 075	13, 756	55	46	715	926
Bars (including concrete reinforcement bars) and profiles .... short tons	37, 618	33, 736	35, 380	22, 967	1, 272	1, 136	3, 271	2, 709
Sheets, plates and strips, except tinplate .... short tons	15, 220	13, 755	16, 812	17, 073	819	754	1, 785	2, 343
Pipes, tubes, and fittings .... do	3, 073	9, 766	3, 264	3, 204	263	582	552	624
Wire .... do	11, 957	7, 931	12, 179	12, 833	568	389	1, 906	2, 424

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Iron and steel—Continued								
Rails, and other construction material for railways and roads..short tons..	609	5,581	11,384	6,882	30	192	828	579
Nails, bolts, screws, etc..........do....	1,238	1,069	651	939	149	165	260	370
Tin plate..........do....	6,203	10,692	6,880	12,714	373	641	870	2,385
Tools and accessories..........1,000 lb..	(1)	(1)	1,154	1,570	(1)	(1)	668	1,084
Aluminum ingots..........do....	82	412	873	2,325	18	93	131	350
Brass and bronze ingots, bars, and sheets 1,000 lb..	135	7	673	1,957	24	1	171	557
Lead, in pigs, bars, and sheets......do....	2,633	3,525	4,247	3,793	80	106	380	474
Zinc, in ingots and sheets..........do....	262	969	1,183	1,790	15	46	144	268
Tin..........do....	280	362	157	405	74	95	105	330
Copper, in ingots, sheets, tubes, and scrap 1,000 lb..	331	361	1,799	653	70	66	324	319
Dynamos, generators, and transformers...	-------	-------	-------	-------	8	14	72	400
Radio apparatus and accessories (except tubes)..........	-------	-------	-------	-------	196	115	543	978
Telephone and telegraph equipment 1,000 lb..	-------	-------	139	716	14	101	252	1,518
Electric wire and cables..........do....	4,333	4,062	2,390	2,808	332	576	646	1,001
Motors (including motors for vessels) number..	(2)	(2)	4,567	7,755	170	160	491	970
Industrial machines, n.e.s., including machine tools..........number..	(2)	(2)	7,600	9,891	802	1,189	3,055	5,747
Complete industrial installations...do....	(1)	(1)	23	18	(1)	(1)	1,722	1,454
Elevators, cranes, and cargo loaders..do....	-------	-------	136	235	43	39	180	338
Sewing machines..........do....	3,324	4,189	3,490	4,848	69	88	223	368
Accounting and calculating machinery, cash registers..........number..	(2)	(2)	2,199	2,238	61	98	352	491
Typewriters..........do....	(2)	(2)	2,141	4,351	89	93	161	357
Printing machines..........do....	(2)	(2)	29	93	44	45	78	239
Plows and harrows..........do....	8,796	10,443	3,851	5,631	118	182	146	334
Harvesting, reaping, and planting machinery..........do....	1,408	1,616	1,769	1,624	178	149	274	1,014
Tractors..........do....	(2)	(2)	276	1,122	385	341	311	1,333
Machine parts and accessories...1,000 lb..	(1)	(1)	4,031	6,287	(1)	(1)	2,051	3,318
Automotive vehicles:								
Motor trucks and busses } ..number..	1,515	{ 25	26	147	831	{ 7	52	404
Truck, bus, and passenger chassis }		1,263	1,979	3,593		886	3,734	7,292
Passenger automobiles..........do....	3,386	2,039	1,923	4,615	1,277	761	2,294	6,444
Jeeps..........do....	-------	-------	151	269	-------	-------	172	318
Accessories and parts (except batteries, bodies, and trailers).......1,000 lb..	(1)	(1)	1,777	3,482	(1)	(1)	1,456	2,973
Motorcycles..........number..	(2)	(2)	340	672	10	21	90	215
Bicycles and tricycles..........do....	(2)	(2)	6,486	18,772	69	107	211	748
Ships..........do....	-------	-------	3	19	-------	-------	33	3,995
Coal-tar products in general......1,000 lb..	250	366	308	495	188	274	472	648
Medical and pharmaceutical specialties...	-------	-------	268	510	204	229	679	1,116
Insecticides, antiseptics, and disinfectants 1,000 lb..	(1)	(1)	907	2,034	(1)	(1)	252	711
Soda ash and caustic soda..........do....	12,536	14,619	14,190	15,530	252	295	290	756
Watches and clocks, including alarm clocks..........number..	239,439	313,076	194,669	329,091	461	523	688	1,279
Other merchandise..........	-------	-------	-------	-------	15,892	14,938	29,420	38,324
Gold and money, total..........	-------	-------	-------	-------	(1)	(1)	19,842	16,217
Gold, for banking transactions troy ounces..	(1)	(1)	597,840	583,634	(1)	(1)	19,575	16,061
Minted coins, paper money, expenses for minting coins..........	-------	-------	-------	-------	(1)	(1)	267	156

[1] Not reported in source.
[2] Reported in weight only.
[3] Reported as "Fuel oil" in 1937 and 1938.
n.e.s. Not elsewhere specified.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports, total	----------	----------	----------	----------	[1]64,429	[1]60,734	[1]152,749	[1]162,488
Cattle ---------- number	58,726	52,782	2,167	1,240	1,530	1,261	331	187
Beef, chilled and frozen --- 1,000 lb	136,160	145,454	68,054	15,696	6,123	7,494	8,888	2,211
Jerked beef (Tasajo) ------ do	57	----------	16,542	13,766	8	----------	3,212	3,252
Mutton, frozen ---------- do	17,947	18,919	21,351	11,419	1,023	1,189	2,696	1,449
Meat extracts ---------- do	1,343	1,786	1,989	761	450	559	3,018	1,450
Tongue, preserved ---------- do	2,091	1,442	850	487	420	453	454	270
Meat, preserved ---------- do	75,510	49,040	59,926	35,307	4,177	3,440	13,056	8,752
Meat, other[2] ---------- do	11,254	6,309	26,537	10,786	318	374	4,832	2,684
Fowl, frozen ---------- do	1,550	1,439	1,019	1,547	239	238	300	593
Intestines (casings), frozen --- do	6,192	7,987	15	12	412	561	18	23
Intestines (casings), dried or salted 1,000 lb	4,457	3,595	2,142	1,343	345	292	632	368
Hides and skins, dried and salted:								
Dried lambskins number	(3)	(3)	727,690	782,993	(3)	(3)	271	423
Cattle, sheep, goat skins 1,000 lb	59,752	59,814	58,573	47,901	8,584	6,835	14,925	15,573
Hides and skins, tanned:					[4]515	[4]428		
Cattle hides ----------	----------	----------	----------	----------			5,629	3,706
Sheepskins ----------	----------	----------	----------	----------	----------	----------	1,057	370
Animal hair and bristles --- 1,000 lb	585	698	1,049	547	166	201	1,262	378
Bone, bonemeal, and animal hoofs 1,000 lb	19,223	30,700	6,790	2,254	276	473	266	156
Animal fats and oils, edible --- do	11,998 (edible and industrial)	16,380 (edible and industrial)	4,538	3,971	502 (edible and industrial)	607 (edible and industrial)	917	1,311
Animal fats and oils, industrial 1,000 lb			4,227	8,986			888	2,615
Guano ---------- do	1,552	1,555	21,604	13,314	34	17	1,127	703
Eggs, fresh and frozen ---- dozen	1,586,063	3,292,083	42	11	285	371	(5)	(5)
Cheese ---------- 1,000 lb	12	----------	2,440	82	2	----------	833	33
Tomato paste ---------- do	----------	----------	2,132	82	----------	----------	669	29
Wool, unwashed, semiwashed, washed ---------- 1,000 lb	90,970	117,352	130,013	148,541	30,128	26,888	52,419	71,179
Wool tops, combed ---------- do	----------	----------	423	442	----------	----------	522	615
Wool fabric ---------- do	----------	----------	1,014	180	----------	----------	3,316	603
Wool yarn ---------- do	----------	----------	636	764	----------	----------	1,445	1,684
Wool in balls or skeins ---- do	----------	----------	550	217	----------	----------	1,004	402
Blankets ---------- do	----------	----------	427	4	----------	----------	719	7
Wheat ---------- 1,000 bu	1,399	1,636	----------	----------	2,687	1,623	----------	----------
Linseed ---------- 1,000 lb	165,249	159,539	178,512	53,843	3,018	3,263	7,268	6,546
Wheat flour ---------- 1,000 bbl	19	204	----------	----------	112	350	----------	----------
Linseed oil ---------- 1,000 lb	----------	----------	58,729	59,185	----------	----------	9,574	20,114
Oil cakes ---------- long tons	10,034	10,753	41,898	79,513	307	350	2,631	7,480
Sand ---------- do	969,353	1,524.858	1,639,801	1,997,158	864	1,119	877	1,068
Stone, common ---------- do	246,557	302,877	5,436	22,741	603	406	3	14
Other merchandise ----------	----------	----------	----------	----------	1,301	1,942	7,690	6,240
Ships' stores[6] ----------	----------	----------	----------	----------	1,163	926	16	15

NOTE.—Gold and silver not reported.
[1] Excluding ships' stores.
[2] Includes meat pastes, sausages, canned stews, and luncheon meats.
[3] Included with cattle, sheep and goat skins, dried.
[4] Reported as hides and skins, tanned.
[5] Less than $500.
[6] Not included in total.

Imports of Principal Commodities from the United States

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947
Merchandise imports from the United States, total (excluding gold and specie)	-------	-------	-------	-------	**9,143**	**7,198**	48,138	[illegible]
Furs 1,000 lb	(1)	(1)	43	40	(1)	(1)	289	[illegible]
Wheat 1,000 bu	-------	-------	638	1,312	-------	-------	1,947	[illegible]
Tobacco, leaf 1,000 lb	204	372	712	819	27	50	553	[illegible]
Cotton yarn, thread and twine do	2,056	411	264	1,601	203	53	443	[illegible]
Cotton fabrics, pure do	31	30	488	2,143	8	7	712	[illegible]
Wool fabrics do	(2)	(2)	29	37	(3)	(3)	108	[illegible]
Wool fabrics mixed with cotton or rayon 1,000 lb	1	1	98	96	(3)	1	274	[illegible]
Rayon fabrics do	3 (Rayon fabrics, and Rayon fabrics mixed with cotton)	27 (both rayon rows)	759	953	3 (both rayon rows)	30 (both rayon rows)	2,029	[illegible]
Rayon fabrics, mixed with cotton do			150	213			276	[illegible]
Lumber of pine, spruce, etc. long tons	-------	-------	6,207	13,069	475	252	387	[illegible]
Printing paper 1,000 lb	125	1,009	1,680	1,670	5	39	216	[illegible]
Cigarette paper do	(2)	1	293	392	(3)	(3)	195	[illegible]
Coal and coke long tons	-------	-------	89,479	97,966	-------	-------	1,664	[illegible]
Crude petroleum do	-------	-------	7,882	-------	-------	-------	169	-------
Gasoline 1,000 bbl	82	128	3	96	1,080	1,674	39	[illegible]
Lubricating oils and greases do	26	43	41	67	389	653	840	[illegible]
Raw material for rubber tire manufacture 1,000 lb	(1)	(1)	844	1,796	(1)	(1)	470	[illegible]
Rosin do	3,634	3,474	2,823	6,718	68	65	256	[illegible]
Cigarettes do	16	25	158	155	15	23	196	[illegible]
Iron and steel:								
Ingots short tons	-------	89	11,651	7,412	-------	1	686	[illegible]
Bars, rods, profiles do	194	590	22,014	12,325	7	20	1,857	[illegible]
Sheets, plates, strips do	1,601	1,638	12,475	12,749	97	107	1,206	[illegible]
Wire do	1,544	318	7,605	6,005	68	15	1,139	[illegible]
Rails and other material for railway and road construction short tons	4	3,963	3,791	4,013	(3)	134	278	[illegible]
Pipes and tubes do	103	165	1,915	1,312	8	12	298	[illegible]
Nails, bolts, screws do	168	103	405	609	22	13	148	[illegible]
Tin plate do	3,686	5,941	6,354	9,932	221	356	784	[illegible]
Tools and accessories 1,000 lb	(1)	(1)	488	713	(1)	(1)	378	[illegible]
Radio apparatus, parts and accessories	-------	-------	-------	-------	153	57	436	[illegible]
Telephone and telegraph equipment 1,000 lb	-------	-------	4 85	374	5	3	4 122	[illegible]
Electric wire, cables, and cord do	41	123	641	321	9	24	233	[illegible]
Motors (including those for boats) number	(5)	(5)	2,056	3,223	6	17	308	[illegible]
Industrial machines, n.e.s, including machine tools number	(5)	(5)	5,650	6,456	107	98	1,998	[illegible]
Refrigerating machines do	(1)	(1)	3,216	5,566	(1)	(1)	337	[illegible]
Complete industrial installations do	(1)	(1)	16	6	(1)	(1)	1,471	[illegible]
Machine parts and accessories, n. e. s. 1,000 lb	(1)	(1)	2,545	2,950	(1)	(1)	1,163	[illegible]
Accounting and calculating machines; cash registers number	(5)	(5)	1,278	1,487	42	77	236	[illegible]
Typewriters do	(5)	(5)	1,271	2,402	46	19	96	[illegible]
Automobiles, passenger cars do	2,391	1,150	961	1,950	1,019	501	1,217	[illegible]
Jeeps do	-------	-------	151	269	-------	-------	172	[illegible]
Trucks and busses do	1,490 (Trucks and busses, and Chassis)	812 (both rows)	10	38	813 (both rows)	282 (both rows)	38	[illegible]
Chassis for trucks and busses do			1,601	3,032			2,223	[illegible]
Tires and tubes do	(5)	(5)	35,695	70,738	321	36	923	[illegible]
Parts and accessories 1,000 lb	(1	(1)	1,523	3,051	(1)	(1)	1,120	[illegible]
Trailers and semitrailers number	-------	-------	196	136	-------	-------	270	[illegible]
Tractors do	(5)	(5)	259	894	357	291	292	[illegible]
Ships and boats do	-------	-------	1	6	-------	-------	3	
Medical and pharmaceutical specifics and specialties 1,000 lb	-------	-------	137	279	41	38	419	[illegible]
Penicillin and preparations do	-------	-------	66,200	9,007	-------	-------	238	[illegible]
Scientific, laboratory, surgical and dental apparatus and supplies	-------	-------	-------	-------	(6)	(6)	328	[illegible]
Coal-tar products in general 1,000 lb	47	35	166	331	35	26	161	[illegible]
Insecticides and pesticides do	-------	10	564	1,141	-------	1	189	[illegible]
Other merchandise	-------	-------	-------	-------	3,493	2,223	16,308	[illegible]
Gold and specie, total	-------	-------	-------	-------	(1)	(1)	18,520	[illegible]
Gold (banking transactions) troy ounces	(1)	(1)	573,224	582,893	(1)	(1)	18,520	[illegible]
Coins, minted	-------	-------	-------	-------	(1)	(1)	-------	[illegible]

[1] Not reported in source.
[2] Less than 500 pounds.
[3] Less than $500.
[4] Reported as "Telephone equipment."
[5] Reported in weight.
[6] Not available.
n.e.s. Not elsewhere specified.

Exports of Principal Commodities to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports to the United States, total	--------	--------	--------	--------	**9,264**	**2,449**	**45,538**	**46,473**
Wool, greasy ......1,000 lb	18,673	1,894	70,252	79,648	6,206	439	25,464	40,020
Wool, semiwashed ......do	58	--------	2,845	1,297	20	--------	964	464
Wool, washed ......do	529	94	5,378	1,820	213	23	2,636	1,028
Cattle hides, dry and salted ......do	4,079	1,105	5,586	1,442	565	129	1,342	383
Calf and kip skins, dry and salted ......do	261	16	355	--------	33	2	159	--------
Cattle hides, tanned and semitanned	--------	--------	--------	--------	--------	(1)	540	28
Sheepskins and lambskins (except baby lamb) dry and pickled ......1,000 lb	1,400	514	5,302	2,772	242	56	1,732	775
Sheepskins, tanned ......number	--------	--------	100,290	671	--------	--------	232	2
Horsehair ......1,000 lb	(2)	[3] 88	271	37	(1)	[3] 20	438	22
Linseed ......do	--------	18,341	124,180	--------	--------	368	5,054	--------
Linseed oil ......do	--------	--------	9,301	--------	--------	--------	1,492	--------
Glycerin ......do	--------	468	923	204	--------	58	262	92
Wool textiles ......do	--------	--------	113	--------	--------	--------	397	--------
Beef, canned ......do	[4] 30,371 (Beef, canned, and Lamb and mutton, canned)	[4] 15,176 (Beef, canned, and Lamb and mutton, canned)	(5)	4,080	[4] 1,484 (Beef, canned, and Lamb and mutton, canned)	[4] 1,005 (Beef, canned, and Lamb and mutton, canned)	229	1,428
Lamb and mutton, canned ......do			--------	798			--------	244
Beef extract ......do	--------	[6] 180	618	391	--------	[6] 54	1,083	774
Guano ......do	550	393	7,029	4,226	21	4	448	229
Bones, hoofs, horns ......do	7,242	7,785	5,943	1,787	86	111	208	113
Intestines (casings) dried and salted ......do	462	272	1,598	790	50	30	840	156
Cheese ......do	--------	--------	1,730	--------	--------	--------	551	--------
Liver extract and ground liver ......do	(5)	(5)	2,286	1,890	(5)	(5)	234	148
Other merchandise	--------	--------	--------	--------	344	150	1,233	567

NOTE:—Gold and silver not reported.
[1] Less than $500.
[2] Less than 500 pounds.
[3] Reported as "Animal hair."
[4] Reported as "Canned meat."
[5] Not reported in source.
[6] Reported as "Meat extracts, all kinds."

FINANCE

Government Receipts and Expenditures (Thousands of Pesos)

Item	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Receipts	85,110	86,775	89,390	95,443	99,044	96,221	96,999	101,372	130,217	183,779	240,875
Expenditures	88,167	88,195	90,440	101,011	115,000	125,993	138,885	145,639	170,448	206,853	231,824

Public Debt (Thousands of Pesos)

Year	External	Internal	International	Year	External	Internal	International
1937	148,646	181,956	4,866	1943	135,924	393,308	--------
1938	148,711	199,604	4,866	1944	131,568	451,771	--------
1939	147,309	245,909	4,866	1945	129,432	499,702	--------
1940	143,466	267,379	105	1946	127,063	541,251	--------
1941	140,708	308,728	95	1947	124,984	579,513	--------
1942	138,179	354,973	--------				

Note Circulation, Gold Reserves, and Sight Deposits of the Bank of the Republic (Thousands of Pesos)

Year	Note circulation	Gold reserves	Sight deposits	Year	Note circulation	Gold reserves	Sight deposits
1937	75,175	37,000	31,386	1943	113,508	154,592	65,827
1938	83,219	[1] 103,585	26,800	1944	128,382	211,719	118,239
1939	81,186	113,231	28,980	1945	146,829	250,069	117,400
1940	92,103	137,231	35,750	1946	176,281	272,799	126,385
1941	97,616	151,787	48,004	1947	202,176	265,075	113,574
1942	97,601	139,605	38,733				

[1] Large increase over 1937 due chiefly to revaluation of gold in January 1938.

Currency and exchange.—The unit of currency is the peso; par value not yet established with the International Monetary Fund.

Annual Average Exchange Rates of the Peso

[Selling rates—pesos per dollar in Uruguay]

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Free rate:									
Imports }	2.758	2.660	2.31	1.90	1.90	1.90	1.90	1.90	1.90
Other }						1.85	1.82	1.785	1.785
Controlled—free rate	2.002	1.899	1.899	1.90	1.90	1.90	1.90	1.90	1.90

PRINCIPAL SOURCES

Revista del Banco de la República Oriental del Uruguay.
Anuario Estadístico, 1940.
Comisión Honoraria de Contralor de Exportaciones e Importaciones, Memoria, 1943-47.

VENEZUELA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 352,143 square miles. Population, July 1947 estimate, 4,397,944; July 1946 estimate, 4,299,639; 1941 census, 3,951,371 (including estimated 100,600 Indians); 1936 census, 3,364,347. Cities, 1941 census, with 1936 data in parentheses: Caracas, 269,030 (203,342); Maracaibo, 112,519 (110,010); Barquisimeto, 54,176 (50,774); Valencia, 53,938 (49,963); Maracay, 32,992 (29,255); San Cristóbal, 31,447 (22,058); Cumaná, 25,893 (19,797); Ciudad Bolívar, 19,789 (19,151).

Education.—Enrollment by types of schools, 1947: Elementary schools, 360,531; secondary schools, 18,339; normal schools, 4,633; universities (1942–43), 2,928. The illiteracy rate for 1947 was approximately 56 percent of the population.

AGRICULTURE, LIVESTOCK, AND FORESTRY

Production of leading crops.—Coffee, 1947 estimate, 650,000 bags of 60 kilograms each. Other crops (metric tons): Sugar, 32,660 in 1943–44, 26,690 in 1944–45, 27,188 in 1945–46 and 30,000 (estimate) in 1946–47; cacao, 14,000 (estimate) in 1943–44, 20,000 in 1944–45, 16,000 (estimate) in 1945–46, and 17,000 in 1946–47; cotton, 4,200 in 1943–44, 4,600 in 1944–45, 4,500 (estimate) in 1945–46, and 4,500 (estimate) in 1946–47; sisal (estimates), 2,000 in 1944–45, 2,500 in 1945–46, and 3,000 in 1946–47; tobacco (1946–47 estimate), 1,347.

Livestock.—No comprehensive livestock census has been taken in Venezuela. Cattle estimated at 3,000,000 head, sheep at 60,000, and goats at 1,400,000; no reliable estimates for hogs and horses.

Forest products.—Balata, caucho (a native rubber), divi-divi, tonka beans, hardwood, and other forest products are estimated to exist in sizable quantities, but lack of transportation and production facilities limits exploitation of the forests to a few small, scattered localities.

MINING AND MANUFACTURING

Petroleum production (thousands of 42-gal. barrels) 1938–47 consecutively: 188,979; 207,654; 186,272; 228,493; 147,729; 179,390; 257,046; 323,415; 388,491; 434,905. Other minerals: Gold, 1945, 2,390 kilograms, 1946, 1,436 kilograms; coal, 1945, 7,051,397 kilograms, 1946, 4,357,986 kilograms; salt, 1945, 57,500,000 kilograms, 1946, 90,600,000 kilograms, 1947, 35,800,000 kilograms; diamonds, 1945, 12,769 carats, 1946, 20,021 carats, 1947, 61,633 carats. Concessions have been granted for the production of copper, iron, asbestos, and other minerals, but no production was reported in 1947.

Production of manufactured goods: Beer, 1945, 40,100,000 liters, 1946, 43,700,000 liters, 1947, 50,200,000 liters; cigarettes—in packages of 20—1945, 105,450,000, 1946, 110,440,000, 1947, 107,185,000; cottonseed oil, 1946, 546,066 kilograms; coconut oil, 1946, 1,051,689 kilograms; canned fish, 1946, 7,791,141 kilograms; fresh fish, 1946, 22,967,798 kilograms; salted fish, 1946, 13,541,017 kilograms; butter, 1944, 1,542,327 kilograms, 1945, 1,761,579 kilograms, 1946, 1,662,562 kilograms; cement, 1944, 119,700 metric tons, 1945, 115,800 metric tons, 1946, 128,300 metric tons, 1947, 145,881 metric tons; textiles, including linens, drills, cotton cloth, woolen goods, and artificial silk, 1944, 23,351,000 meters, 1945, 23,196,000 meters, 1946, 23,911,000 meters; and textile manufactures, such as cotton and silk knitted goods, cotton yarn, wicking and similar products, 1944, 602,000 kilograms, 1945, 789,000 kilograms, 1946, 810,000 kilograms.

TRANSPORTATION AND COMMUNICATION

Railway lines, exclusive of industrial railways (1946): 620 miles. Highways (June 1947): Paved, 830 miles; unimproved (sand and clay), 3,390 miles.

Telegraphs (1946): 8,729 miles of line. Telephones (1946): 705 miles of line; on January 1, 1943, there were 42,321 installed telephones.

In 1946 the post offices in Venezuela handled 53,068,066 pieces of mail (exclusive of packages), compared with 47,596,197 pieces in 1945.

FOREIGN TRADE

Per capita trade.—1947: Imports, $125.55; exports, $166.90.

Basis of trade statistics.—The foreign trade statistics of Venezuela represent "general commerce," which embraces all merchandise entering into import and export trade. Parcel-post and air shipments are included in imports but excluded from exports. Country of origin is recorded for all import commodities and, insofar as ascertainable, country of destination for exports other than petroleum. Substantial amounts of petroleum and products were reported under the heading "destination not declared" in the years 1942–45. The Venezuelan foreign trade statistics do not record the final destination of petroleum for which the islands of Curaçao and Aruba are reported as markets; after refinement the petroleum is reshipped to other countries.

Import values are f. o. b. port of shipment, as per consular invoice. Export values are f. o. b. Venezuela port.

The export total figures are revised figures published by the Ministerio de Fomento and the Banco Central making adjustments according to the Oficina Técnica de Hidrocarburos for the overvaluation of petroleum and derivatives. Country distribution of the adjusted figures for petroleum and derivatives is not available; therefore, the tables entitled "Trade with Principal Countries" and "Exports to the United States" give the unadjusted figures. Export values, except for petroleum, are current market values.

Rates Used to Convert Trade Values from Bolivares to United States Dollars

Year	Imports	Exports					
		Total	Coffee		Cacao	Cattle	All other
			Washed	Unwashed			
1934	$0.2833	$0.2833					
1935	.2551	.2551					
1936	.2551	.2544					
1937	.2924	.2903					
1938	.3135	.3160	$0.3236	$0.3236	$0.3236	$0.3236	$0.3154
1939	.3135	.3160	.3236	.3236	.3236	.3236	.3154
1940	.3135	.3158					
1941	.3067	.2817					
1942	.2985	.2862					
1943	.2985	.2955					
1944	.2985	.2971	.2217	.2525	.2525	.3008	.3008
1945	.2985	.2958	.2083	.2353	.2353	.3008	.3008
1946	.2985	.2953					
1947	.2985	.2973					

Value of Imports and Exports

Year	Thousands of bolivares				Thousands of dollars			
	Total trade, including gold, silver, and specie		Gold, silver, and specie		Total trade, including gold, silver, and specie		Gold, silver, and specie	
	General imports	Exports[1] including reexports	Imports	Exports	General imports	Exports[1] including reexports	Imports	Exports
1934	159, 686	426, 590	28, 763	12, 564	45, 239	120, 853	8, 149	3, 559
1935	225, 194	461, 728	66, 636	15, 625	57, 447	117, 787	16, 999	3, 986
1936	211, 590	601, 544	4, 876	19, 914	53, 977	153, 033	1, 244	5, 066
1937	304, 634	634, 666	4, 030	36, 517	89, 075	184, 244	1, 178	10, 553
1938	310, 949	574, 176	925	14, 901	97, 483	181, 440	290	4, 700
1939	326, 393	527, 385	552	17, 625	102, 324	166, 654	173	5, 559
1940	311, 169	503, 596	26	16, 791	97, 551	159, 036	8	5, 296
1941	287, 825	733, 911	22	16, 003	88, 276	206, 743	7	4, 521
1942	215, 692	515, 322	11	13, 887	64, 384	147, 485	3	4, 072
1943	222, 060	628, 960	1	8, 556	66, 285	185, 858	(2)	2, 574
1944	544, 197	873, 956	171, 690	6, 578	162, 443	259, 652	51, 249	1, 979
1945	804, 948	1, 120, 417	202, 346	6, 932	240, 277	331, 419	60, 400	2, 085
1946	[3] 987, 156	[3] 1, 625, 412	(4)	[3] 2, 297	[3] 294, 666	[3] 479, 984	(4)	[3] 691
1947	[3] 1, 849, 742	[3] 2, 469, 185	(4)	[3] 472	[3] 552, 148	[3] 734, 089	(4)	[3] 142

[1] Figures adjusted for the overvaluation of petroleum.
[2] Less than $500.
[3] Preliminary figure.
[4] Not available.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Exports including reexports				
	1938	1939	1944	1945	1938	1939	1944	1945	1946[1]
Total trade (including gold, silver, and specie)	**97, 483**	**102, 324**	**162, 443**	**240, 277**	**unadjusted totals: 280, 379**	**301, 254**	**333, 158**	**327, 703**	**427, 922**
					adjusted totals: 181, 440	**166, 654**	**[2]259, 652**	**[2]331, 419**	**479, 984**
United States	54, 939	62, 566	135, 995	193, 956	37, 146	47, 601	13, 764	69, 183	125, 364
Belgium	7, 095	4, 243	(3)	(3)	733	573	-------	-------	1, 272
United Kingdom	6, 857	6, 307	2, 630	4, 600	9, 128	13, 244	75	1, 916	10, 537
France	2, 879	3, 042	37	368	3, 576	5, 331	-------	472	6, 912
Germany	11, 680	9, 731	2	1	8, 967	5, 822	-------	-------	-------
Netherlands	5, 056	3, 955	1	47	210	1, 345	-------	4	4, 088
Spain	242	130	417	930	22	56	-------	18	14
Sweden	475	684	1, 504	1, 402	112	6	70	375	3, 967
Switzerland	236	412	953	2, 813	(3)	-------	204	227	415
Canary Islands	4	(3)	4	12	622	1, 068	194	743	2, 699
Canada	48	915	1, 276	2, 592	2, 523	4, 292	310	3, 606	7, 210
Cuba	22	250	166	1, 198	148	312	31	462	137
Netherlands Antilles:									
Curaçao, Island of	575	476	445	294	106, 820	103, 700	3, 174	40, 229	104, 423
Aruba, Island of	127	51	30	76	106, 450	112, 670	368	31, 452	137, 467
Mexico	95	62	2, 079	4, 349	-------	(3)	129	24	56
Trinidad	414	131	440	180	1, 224	915	2, 085	2, 867	2, 188
Argentina	156	332	6, 157	6, 800	-------	-------	111	787	9, 250
Brazil	129	130	3, 798	12, 550	75	253	6	2, 000	2, 693
Chile	49	72	623	1, 011	905	713	16	(3)	38
Colombia	286	317	2, 530	1, 731	457	468	1, 163	1, 333	1, 323
Ecuador	13	42	1, 129	577	1	3	6	19	16
Peru	7	64	645	2, 024	2	-------	2	6	29
Uruguay	56	67	645	1, 587	-------	203	25	1, 492	1, 340
Other countries	6, 043	8, 345	937	1, 179	1, 258	2, 679	354	1, 040	6, 486
Destination not reported	-------	-------	-------	-------	-------	-------	[4] 311, 071	[4] 169, 448	-------

See footnotes at end of table.

Trade With Principal Countries (Thousands of Dollars)—Continued

Country	General imports				Exports including reexports				
	1938	1939	1944	1945	1938	1939	1944	1945	1946[1]
Percent of total:									
United States	56.4	61.1	83.7	80.7	13.2	15.8	4.1	21.1	29.3
Belgium	7.3	4.1	(5)	(5)	.3	.2	--------	--------	.3
United Kingdom	7.0	6.2	1.6	1.9	3.3	4.4	(5)	.6	2.5
France	3.0	3.0	(5)	.2	1.3	1.8	--------	.1	1.6
Germany	12.0	9.5	(5)	(5)	3.2	1.9	--------	--------	--------
Netherlands	5.2	3.9	(5)	(5)	.1	.4	--------	(5)	1.0
Netherlands Antilles:									
Curaçao, Island of	.6	.5	.3	.1	38.1	34.4	1.0	12.3	24.4
Aruba, Island of	.1	(5)	(5)	(5)	38.0	37.4	.1	10.0	32.1
Argentina	.2	.3	3.8	2.8	--------	--------	(5)	.2	2.2
Destination not reported	--------	--------	--------	--------	--------	--------	93.4	51.7	--------
Gold, silver and specie, total	[6] 290	173	51,249	60,400	4,700	5,559	1,979	2,085	(7)
United States	2	2	51,248	60,393	1,816	5,144	1,855	1,910	--------
England	--------	171	--------	--------	2,883	402	--------	--------	--------
Germany	89	(3)	--------	--------	1	(3)	--------	--------	--------
Netherlands	85	--------	--------	--------	--------	--------	--------	--------	--------
Trinidad	83	--------	--------	--------	--------	13	--------	--------	--------
Curaçao, Island of	--------	--------	--------	--------	--------	--------	124	175	--------
Colombia	--------	--------	1	7	--------	--------	--------	--------	--------

[1] Preliminary data; amount and country distribution of gold, silver, and specie included not reported.
[2] Includes petroleum and derivatives, destination not reported, individual country data are subject to revision upward.
[3] Less than $500.
[4] Mainly petroleum and derivatives; country distribution not available.
[5] Less than 0.05 percent.
[6] Nickel coins included in total; no country distribution.
[7] Not available.

NOTE.—The adjusted export figures are total exports corrected for the overvaluation of petroleum and derivatives. Country distribution of adjusted figures is not available. Petroleum and derivatives are shipped mainly to the islands of Curaçao and Aruba. The percentage distribution is based on the unadjusted figures.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
General imports, total (including gold, silver, and specie)	--------	--------	--------	--------	**97,483**	**102,324**	**162,443**	**240,277**
Animal products:								
Hams ... 1,000 lb	1,597	1,893	866	986	367	428	260	304
Lard ... do	3,764	11,886	12,343	6,899	328	874	1,729	1,118
Condensed milk ... do	7,445	11,253	8,447	10,057	1,551	2,611	3,009	3,326
Butter ... do	1,024	2,931	(1)	398	331	930	(2)	101
Cheese ... do	2,096	3,160	1,659	1,744	322	463	332	402
Dietetic preparations ... do	2,093	3,373	1,854	2,042	511	895	720	710
Fish and shellfish ... do	8,503	10,732	119	300	690	823	48	160
Stearine, soluble ... do	2,584	2,804	1,715	1,176	172	148	280	222
Leather, unmanufactured ... 1,000 lb	562	584	770	1,048	861	1,042	1,559	2,234
Grains and products:								
Malt barley ... 1,000 bu	166	266	261	344	315	482	874	1,214
Oats, hulled ... do	225	295	238	155	449	504	567	386
Rice, milled ... 1,000 lb	29,210	49,392	18,600	12,069	678	905	1,255	943
Wheat flour ... 1,000 bbl	330	427	634	616	1,750	1,565	4,764	4,651
Biscuit and crackers ... 1,000 lb	1,544	1,601	234	334	217	217	44	66
Vegetables:								
Potatoes ... 1,000 bu	333	379	104	242	289	406	227	516
Other ... 1,000 lb	1,673	3,381	2,638	887	113	186	209	74
Fruits and almonds ... do	3,959	4,435	1,427	4,220	285	329	211	582
Peanuts ... do	1	3	4,397	6,364	(2)	(2)	255	300
Vegetable oils:								
Olive oil, pure ... do	2,674	2,304	51	162	394	297	11	76
Industrial oils ... do	1,554	1,629	1,561	2,573	182	146	392	678
Coconuts, chocolate, and confectionery ... 1,000 lb	152	132	3,854	119	36	63	330	25

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Distilled liquors .... 1,000 lb..	1,688	3,022	791	1,022	673	608	355	745
Wines .... 1,000 gal..	461	384	192	328	402	326	248	541
Rubber and manufactures:								
Unmanufactured ..... 1,000 lb..	86	51	1,361	2,021	13	11	521	560
Tires and tubes .... do....	3,639	4,694	1,370	2,303	1,091	1,336	1,511	1,555
Other manufactures .... do....	1,034	1,069	616	1,537	394	423	331	652
Textile semimanufactures and manufactures:								
Cotton:								
Waste .... 1,000 lb..	38	2,010	2,237	8,620	3	264	469	1,716
Sewing thread .... do....	328	376	311	165	330	351	544	324
Yarn, twine and cordage 1,000 lb..	536	714	133	219	181	203	160	260
Canvas .... do....	1,095	650	531	1,046	262	159	316	624
Fabric .... do....	7,834	9,453	5,684	8,847	4,062	4,524	6,542	12,656
Hosiery .... do....	45	54	29	24	114	128	117	113
Sacks .... do....	301	168	32	10	79	60	18	9
Hemp, jute, ramie, etc.:								
Cordage .... 1,000 lb..	1,990	2,218	283	874	291	241	75	211
Fabric .... do....	2,081	1,589	969	998	183	144	138	138
Sacks .... do....	599	494	719	490	46	46	122	84
Fishing nets and lines 1,000 lb..	---------	---------	97	193	---------	---------	59	114
Linen fabric .... do....	619	1,192	77	76	484	688	138	165
Wool:								
Fabric .... do....	653	651	339	514	911	814	1,047	1,821
Felts and manufactures 1,000 lb..	262	220	831	306	192	134	370	288
Silk and artificial silk:								
Thread and yarn ... do....	270	375	550	385	108	128	362	246
Fabric .... do....	242	666	889	975	376	852	1,997	3,152
Clothing .... do....	70	125	65	184	527	621	518	875
Wood and manufactures ... do....	65,080	33,352	21,687	55,498	1,284	795	700	1,800
Paper and cardboard:								
Cellulose pulp .... do....	7,013	9,565	22,574	9,638	147	136	878	307
Unmanufactured .... do....	16,199	23,313	22,507	20,259	870	1,080	1,607	1,595
Transmission belts and belting, cotton or gummed paper 1,000 lb..	174	154	147	309	133	114	145	266
Tobacco:								
Unmanufactured .... do....	22	3	13	223	18	4	18	196
Cigarettes .... do....	153	179	510	771	139	166	418	651
Lubricating oil .... 1,000 bbl..	63	65	87	132	907	947	1,226	1,845
Cement, Roman .... do....	804	1,037	1,042	1,473	1,218	1,644	2,500	3,341
Glass and manufactures . 1,000 lb..	19,669	13,770	16,497	20,854	1,021	827	1,223	1,675
Earthenware, pottery, and porcelain .... 1,000 lb..	5,434	5,173	5,740	8,785	467	384	766	839
Asbestos and manufactures . do....	12,758	12,057	7,410	12,244	265	271	229	435
Iron and steel:								
Semimanufactures ...... do....	76,633	88,642	106,973	111,306	2,271	2,544	3,373	3,961
Structural .... do....	34,079	31,865	13,088	41,649	1,740	1,702	778	2,685
Pipes and fittings ...... do....	181,322	194,436	146,178	255,976	7,929	7,800	7,181	14,238
Wire and cable .... do....	4,227	3,431	4,622	10,283	380	205	538	1,090
Wire, barbed, and other fence material .... 1,000 lb..	12,462	21,745	4,464	6,310	580	794	254	420
Locks, padlocks, and hinges 1,000 lb..	732	560	587	1,076	239	177	221	496
Hand tools .... do....	1,891	2,308	1,022	2,101	277	320	224	417
Mechanics' equipment . do....	2,072	2,886	1,519	5,773	763	692	702	2,207
Tanks and drums ...... do....	16,167	8,873	981	582	644	436	72	70
Other manufactures .... do....	32,652	33,518	12,857	30,774	3,419	3,716	2,135	4,568
Copper, brass and bronze:								
Wire and cable .... do....	4,408	3,072	2,682	5,584	666	486	655	1,286
Pipes and fittings ...... do....	1,239	1,179	438	1,164	374	342	222	605
Electrical equipment:								
Batteries .... do....	1,967	2,437	2,429	2,604	309	389	434	493
Generators, dynamos, and transformers .... 1,000 lb..	1,836	1,063	589	1,072	595	324	202	466
Transmission apparatus 1,000 lb..	323	310	112	142	505	475	122	201
Power plants .... do....	709	1,032	754	1,603	281	444	444	731
Bulbs .... do....	219	218	308	446	139	146	228	358
Lamps and lanterns .... do....	470	535	76	363	239	272	50	260
Radio receivers and phonographs .... 1,000 lb..	898	1,348	179	267	772	826	191	328

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Motors .... 1,000 lb	2, 895	2, 279	1, 487	4, 462	1, 014	941	616	2, 004
Refrigerators .... do	2, 108	2, 536	442	645	537	646	97	217
Locomotives and other railroad material .... long tons	4, 089	863	265	395	619	231	37	116
Steam boilers .... 1,000 lb	3, 981	1, 654	2, 569	4, 762	378	185	290	624
Stoves, water heaters, ovens and parts .... 1,000 lb	3, 613	2, 230	819	2, 353	623	399	204	549
Machinery and parts:								
Mining .... do	13	148	1, 194	431	6	41	272	61
Well-drilling .... do	12, 166	5, 367	(3)	88, 548	2, 647	1, 704	(3)	15, 205
Hydraulic pumps .... do	2, 791	2, 291	2, 357	4, 193	691	640	632	1, 196
Textile .... do	485	1, 288	648	548	136	244	301	248
Milling and grinding .... do	1, 206	1, 880	1, 379	1, 018	152	251	299	231
Other industrial machinery and parts .... 1,000 lb	32, 419	33, 989	[4] 89, 449	49, 491	8, 696	8, 412	[4] 14, 336	16, 467
Sewing machines, domestic .... do	1, 550	1, 712	282	139	399	450	103	66
Typewriters .... do	295	286	68	122	327	314	104	217
Calculators, multigraphs and cash registers .... 1,000 lb	106	159	50	108	221	205	125	284
Printing and lithographing presses .... 1,000 lb	971	1, 205	687	868	323	378	242	297
Plows and other agricultural implements .... do	10, 752	22, 676	13, 582	11, 468	1, 019	2, 064	1, 459	1, 794
Apparatus, articles, and substances for insects, parasites, and rodents .... 1,000 lb	2, 627	2, 270	2, 056	3, 036	439	352	432	757
Vehicles and accessories:								
Passenger cars .... do	8, 632	7, 892	923	1, 040	2, 003	1, 823	376	380
Passenger-car accessories 1,000 lb	1, 774	2, 059	714	530	643	789	348	121
Trucks and chassis .... do	21, 494	21, 505	10, 821	19, 553	3, 980	3, 989	3, 586	5, 683
Other vehicles .... do	2, 513	2, 176	1, 454	3, 049	512	370	356	703
Other vehicle accessories 1,000 lb	1, 387	1, 530	453	793	276	278	82	163
Tractors, levelers .... do	88	120	2, 242	4, 635	19	26	571	1, 043
Pharmaceuticals:								
Serums and biologics .... do	183	187	96	324	384	348	332	541
Pharmaceutical specialties 1,000 lb	2, 690	3, 187	2, 679	4, 238	2, 442	2, 712	3, 252	4, 462
Chemical products:								
Calcium carbide .... do	3, 620	3, 892	1, 987	2, 763	98	102	88	114
Sodium salts .... do	3, 280	3, 612	2, 716	6, 700	135	134	134	298
Caustic soda and potash 1,000 lb	1, 007	1, 302	712	2, 284	29	37	24	75
Tanning extracts .... do	709	899	1, 758	2, 112	40	44	92	141
Pigments .... do	1, 034	1, 269	1, 974	2, 010	87	98	334	364
Paints and varnishes .... do	7, 211	8, 481	5, 060	7, 190	591	592	588	994
Explosives .... do	1, 677	1, 684	970	3, 674	237	231	136	472
Synthetic essences .... do	170	86	280	372	125	161	258	266
Toilet preparations:								
Soap .... do	387	463	410	488	94	124	128	148
Dentifrices .... do	225	263	644	414	153	174	420	262
Other .... do	318	326	187	284	293	309	265	494
Motion-picture film .... do	54	55	71	72	172	162	215	223
Scientific instruments .... do	539	662	228	914	823	736	363	988
Druggists sundries .... do	215	257	205	301	181	169	280	368
Toys, athletic and sporting goods 1,000 lb	2, 045	1, 913	630	1, 300	704	586	374	793
Clocks and watches .... do	326	286	43	62	358	293	222	617
Crown caps, metal .... do	415	663	733	1, 499	73	116	133	280
Plastics and manufactures .... do	167	104	488	1, 043	133	112	569	727
Other merchandise	------	------	------	------	15, 227	16, 346	17, 349	26, 063
Gold, silver, and specie:								
Gold, unmanufactured troy ounces	579	3, 344	127	322	2	101	1	9
Silver, unmanufactured troy ounces	4, 051	2, 894	3, 119	20, 544	2	1	2	14
Gold coins, bars or ingots troy ounces	6, 814	2, 379	1, 576, 062	1, 855, 355	256	71	51, 246	60, 377
Nickel coins	------	------	------	------	30	------	------	------

[1] Less than 500 pounds.
[2] Less than $500.
[3] Not shown separately.
[4] Includes "Well-drilling machinery and apparatus."

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Exports, including reexports, total (including gold, silver, and specie)					**181,440**	**166,654**	**259,652**	**331,419**
Domestic exports:								
Cacao beans, 1,000 lb.	45,418	33,903	35,383	28,080	3,228	3,125	3,217	3,134
Cattle, do.	21,842	13,810	29,298	29,199	561	539	1,538	1,921
Cattle hides, do.	3,186	5,131	509	200	252	383	45	14
Coffee, do.	79,130	60,387	44,304	62,231	8,309	6,884	5,588	7,999
Diamonds, 1,000 carats	105	5	120	35	55	1	694	321
Fish, canned, 1,000 lb.			1,443	5,778			329	1,403
Petroleum and derivatives, total					162,483	148,044	243,486	312,077
Crude petroleum, 1,000 long tons	26,190	27,832	31,948	40,996	(1)	(1)	(1)	(1)
Diesel oil (incl. ignition), 1,000 bbl.	26	436	3,940	3,706	(1)	(1)	(1)	(1)
Fuel oil, do.	6,240	8,810	19,830	21,147	(1)	(1)	(1)	(1)
Gasoline, do.	2	140	443	592	(1)	(1)	(1)	(1)
Gas oil, do.	169	162	178	647	(1)	(1)	(1)	(1)
Kerosene, do.	(2)			(2)	(1)	(1)	(1)	(1)
Naphtha, do.			908	828	(1)	(1)	(1)	(1)
Other petroleum and derivatives					(1)	(1)	(1)	(1)
Tonka beans, crystallized, 1,000 lb.	3	18	1	828	2	12	2	1,024
Other merchandise					1,121	1,110	1,789	548
Reexports					729	997	985	893
Gold, silver, and specie:								
Gold, alluvial, troy ounces	707	1,736			17	46		
Gold, alluvial in ore, do.	21,670	25,913			659	785		
Gold bars, do.	134,036	159,371	80,891	78,994	4,023	4,727	1,973	2,043
Gold, not specified, do.			32	32			1	(3)
Silver bars, do.				152,652				41
Silver waste, do.	28,389	53,885	97,513	2,604	1	1	5	1

1 Adjusted value not available.
2 Less than one-half the unit.
3 Less than $500.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
General imports from the United States, total (including gold, silver, and specie)					**54,939**	**62,566**	**135,995**	**193,956**
Animal products:								
Hams, 1,000 lb.	1,237	1,585	453	397	288	357	137	105
Lard, do.	3,578	11,883	8,638	3,575	311	874	1,271	544
Condensed milk, do.	5,571	7,982	8,315	9,972	1,387	2,058	2,975	3,294
Butter, do.	103	201		6	29	60		2
Cheese, do.	98	148	315	349	21	30	84	99
Dietetic preparations, do.	1,669	2,772	1,400	1,892	402	721	524	654
Fish and shellfish, do.	5,666	7,568	22	67	360	507	8	30
Stearine, soluble, do.	374	237	192	315	30	27	32	56
Leather, unmanufactured, do.	243	366	151	152	375	684	370	374
Grains and products:								
Malt barley, 1,000 bu.	(1)	60	229	334	(3)	131	774	1,177
Oats, hulled, do.	218	254	201	121	441	459	504	335
Rice, milled, 1,000 lb.	440	1,756	1,069	91	12	62	73	8
Wheat flour, 1,000 bbl.	329	421	588	575	1,746	1,541	4,410	4,339
Biscuits and crackers, 1,000 lb.	1,288	1,410	229	315	167	184	42	61
Vegetables:								
Potatoes, 1,000 bu.	157	218	37	191	141	239	87	398
Other, 1,000 lb.	1,432	2,668	677	445	94	147	56	41
Fruits and almonds, do.	3,582	4,177	1,068	2,836	250	302	146	381
Vegetable oils:								
Olive oil, pure, do.	50	5	5	2	7	1	3	1
Industrial oils, do.	101	294	1,142	822	30	60	329	359
Distilled liquors, do.	15	22	99	168	3	5	33	73
Wines, 1,000 gal.	2	4	4	5	2	13	5	7
Rubber and manufactures:								
Unmanufactured, 1,000 lb.	3	10	1,098	1,963	1	2	374	504
Tires and tubes, do.	3,224	3,681	299	870	951	1,058	118	513
Other manufactures, do.	665	835	587	1,490	291	332	314	639

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Textile semimanufactures and manufactures:								
Cotton:								
Waste 1,000 lb	24	1, 598	2	12	2	207	(2)	2
Sewing thread do	9	18	89	52	7	14	148	89
Yarn, twine and cordage do	178	198	110	140	69	81	106	139
Canvas do	830	458	399	510	195	111	216	265
Fabric do	568	1, 498	2, 074	1, 268	351	905	2, 005	1, 495
Hosiery do	8	14	22	16	21	33	84	68
Sacks do	228	167	32	10	71	59	18	8
Hemp, jute, ramie, etc.:								
Cordage do	508	530	126	542	83	65	29	132
Fabric do	17	17	48	4	1	3	6	1
Sacks do	9	12	128	12	2	4	31	3
Fishing nets and lines do	------	------	76	123	------	------	47	68
Linen fabric do	57	6	4	4	16	9	10	8
Wool:								
Fabric do	4	23	59	105	5	34	214	357
Felt and manufactures do	38	38	39	147	4	8	71	55
Silk and artificial silk:								
Thread and yarn do	50	33	454	343	27	17	286	215
Fabric do	52	122	722	531	86	201	1, 500	1, 207
Clothing do	40	62	47	156	265	354	298	361
Transmission belts and belting, cotton or gummed paper 1,000 lb	118	118	138	299	97	92	139	256
Wood and manufactures do	63, 773	31, 782	17, 085	44, 313	1, 146	639	534	1, 456
Paper and cardboard:								
Cellulose pulp do	------	------	4, 780	(1)	------	------	192	(2)
Unmanufactured do	10, 113	13, 980	16, 114	11, 215	526	716	1, 356	1, 129
Tobacco:								
Unmanufactured do	21	2	2	198	15	1	2	166
Cigarettes do	149	175	509	970	134	161	417	650
Lubricating oil 1,000 bbl	42	47	68	117	558	631	1, 017	1, 710
Cement, Roman do	204	427	1, 008	1, 378	348	737	2, 396	3, 133
Glass and manufactures 1,000 lb	3, 861	4, 634	15, 388	20, 046	271	348	1, 044	1, 508
Earthenware, pottery, and porcelain 1,000 lb	885	978	3, 562	7, 268	59	62	472	581
Asbestos and manufactures do	1, 344	3, 374	2, 884	5, 509	83	139	101	224
Iron and steel:								
Semimanufactures do	50, 261	60, 297	106, 944	107, 610	1, 589	1, 927	3, 371	3, 812
Structural do	24, 399	20, 672	13, 061	41, 495	1, 234	1, 092	770	2, 673
Pipes and fittings do	72, 015	90, 997	146, 119	227, 583	3, 687	4, 453	7, 168	12, 792
Wire and cable do	1, 382	1, 653	4, 615	9, 540	89	101	537	979
Wire, barbed and other fence material 1,000 lb	8, 230	17, 172	4, 464	6, 247	314	619	254	414
Locks, padlocks, and hinges do	127	193	304	954	73	84	150	449
Hand tools do	426	753	1, 006	1, 796	80	141	221	344
Mechanics' equipment do	1, 163	2, 174	1, 443	5, 638	473	497	641	2, 094
Tanks and drums do	10, 174	3, 090	918	542	415	173	69	67
Other manufactures do	21, 105	25, 071	12, 167	28, 244	2, 232	2, 863	1, 713	3, 706
Copper, brass, and bronze:								
Wire and cable do	2, 319	1, 924	2, 528	4, 515	328	317	619	1, 078
Pipes and fittings do	890	926	374	916	266	263	169	389
Electrical equipment:								
Batteries do	1, 856	2, 357	2, 422	2, 595	292	377	432	491
Generators, dynamos, and transformers 1,000 lb	1, 383	871	583	1, 016	495	278	198	430
Transmission apparatus do	192	180	102	134	358	251	113	189
Power plants do	420	736	754	1, 603	191	354	444	731
Bulbs do	60	85	308	439	63	86	228	355
Lamps and lanterns do	222	281	57	310	139	184	36	213
Radio receivers and phonographs 1,000 lb	702	1, 148	153	238	618	661	162	299
Motors do	1, 747	1, 236	1, 480	4, 305	647	618	612	1, 907
Refrigerators do	2, 060	2, 513	436	645	518	640	95	217
Locomotives and other railway material long tons	2, 897	276	265	395	261	91	37	116

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1944	1945	1938	1939	1944	1945
Steam boilers........1,000 lb..	3,745	1,743	2,569	4,502	340	166	290	566
Stoves, water heaters, ovens, and parts 1,000 lb..	2,822	1,897	771	2,225	454	323	179	499
Machinery and parts:								
Mining........do....	7	115	1,194	431	2	34	272	61
Well-drilling........do....	11,801	5,156	(3)	88,360	2,563	1,662	(3)	15,110
Hydraulic pumps........do....	2,386	2,125	2,356	4,096	588	582	631	1,170
Textile........do....	42	173	584	446	27	30	246	177
Milling and grinding........do....	1,093	1,604	1,314	999	138	217	288	226
Other industrial machinery and parts 1,000 lb..	19,793	18,919	[4] 88,891	48,298	6,355	5,874	[4] 14,026	16,001
Sewing machines, domestic........do....	1,266	1,353	281	119	332	355	103	58
Typewriters........do....	167	173	57	85	205	219	91	144
Calculators, multigraphs, and cash registers........1,000 lb..	91	141	39	87	191	168	94	231
Printing and lithographing presses..do....	532	817	672	857	176	277	233	290
Plows and other agricultural implements 1,000 lb..	4,609	13,346	10,200	10,614	628	1,584	1,330	1,663
Apparatus, articles, and substances for insects, parasites and rodents....1,000 lb..	1,431	1,513	2,811	2,761	220	232	391	536
Vehicles and accessories:								
Passenger cars........do....	8,130	7,502	914	1,012	1,885	1,734	374	373
Passenger-car accessories........do....	1,675	1,988	713	527	610	767	347	120
Trucks and chassis........do....	21,319	21,439	10,214	17,895	3,923	3,972	3,290	5,315
Other vehicles........do....	1,476	1,729	1,394	2,644	239	254	339	580
Other vehicle accessories........do....	1,041	1,259	427	782	190	208	64	154
Tractors........do....	88	76	2,187	4,624	19	19	541	1,041
Pharmaceuticals:								
Serums and biologics........do....	22	22	37	249	127	85	134	295
Pharmaceutical specialties........do....	1,221	1,416	2,263	3,573	776	937	2,529	3,282
Chemical products:								
Calcium carbide........do....	2,896	1,888	1,022	1,957	81	54	46	81
Sodium salts........do....	816	1,340	2,357	6,017	27	44	116	267
Caustic soda and potash........do....	218	539	488	1,800	7	16	18	53
Tanning extracts........do....	16	40	222	547	2	4	21	53
Pigments........do....	139	271	1,831	1,716	20	32	305	332
Paints and varnishes........do....	4,918	6,816	4,135	6,010	440	480	504	844
Explosives........do....	990	1,256	970	3,674	149	178	137	472
Synthetic essences........do....	127	52	276	369	34	73	232	241
Toilet preparations:								
Soap........do....	339	402	368	458	76	102	119	136
Dentifrices........do....	212	254	618	405	146	169	411	254
Other........do....	102	131	167	260	113	142	226	439
Motion-picture film........do....	38	44	54	54	104	115	143	133
Scientific instruments........do....	252	403	222	886	363	419	344	922
Druggists' sundries........do....	135	200	202	290	99	110	274	338
Toys, athletic and sporting goods..do....	492	968	471	916	203	295	251	541
Clocks and watches........do....	49	58	40	47	58	68	57	178
Crown caps, metal........do....	366	650	733	1,499	65	115	133	280
Plastics and manufactures........do....	26	51	471	864	36	67	534	691
Other merchandise........					6,783	8,827	11,637	16,399
Gold, unmanufactured......troy ounces..	64	96	129	302	1	1	1	9
Silver, unmanufactured........do....	3,954	2,829	1,415	10,095	1	1	1	7
Gold coins, bars, or ingots..1,000 troy oz..	-------	-------	1,576	1,855	-------	-------	51,246	60,377
Nickel coins........	-------	-------	-------	-------	(5)	-------	-------	-------

[1] Less than 500 pounds.
[2] Less than $500.
[3] Not shown separately.
[4] Including "well-drilling machinery and parts".
[5] Country distribution not available.

Principal Exports to the United States

Commodity	Quantity 1938	Quantity 1939	Quantity 1944	Quantity 1945	Value (thousands of dollars) 1938	Value 1939	Value 1944	Value 1945
Exports to the United States, total, including reexports (including gold, silver, and specie)					**37, 146**	**47, 601**	**[1] 13, 764**	**[1] 69, 183**
Domestic exports:								
Cacao beans 1,000 lb	6, 014	11, 020	24, 807	21, 242	503	1, 101	2, 217	2, 441
Cattle hides do	73	302	502	178	8	22	44	12
Coffee do	18, 679	18, 666	42, 356	61, 310	2, 094	2, 256	5, 297	7, 848
Diamonds 1,000 carats	-------	-------	120	30	-------	-------	694	307
Fish, canned 1,000 lb	-------	-------	58	4, 022	-------	-------	17	1, 005
Petroleum and products:								
Crude petroleum 1,000 long tons	3, 338	3, 915	[1] 54	[1] 6, 744	32, 109	37, 638	[1] 496	[1] 50, 821
Diesel oil (including ignition) 1,000 bbl	(2)	(2)	(3)	[1] 214	(4)	(4)	(3)	[1] 311
Fuel oil do	-------	267	(3)	[1] 222	-------	349	(3)	[1] 187
Tonka beans, crystallized 1,000 lb	2	18	(2)	828	2	12	(4)	1, 024
Other merchandise	-------	-------	-------	-------	294	583	2, 797	3, 099
Reexports	-------	-------	-------	-------	320	496	347	218
Gold, silver, and specie:								
Gold, alluvial, in ore troy ounces	5, 530	15, 046	-------	-------	158	442	-------	-------
Gold bars do	57, 807	158, 567	75, 040	72, 468	1, 658	4, 702	1, 849	1, 868
Gold, not specified do	-------	-------	32	32	-------	-------	1	(4)
Silver bars do	-------	-------	-------	152, 652	-------	-------	-------	41
Silver waste do	16, 654	-------	97, 513	2, 604	(4)	-------	5	1

[1] Excludes large amounts of petroleum products for which country of destination is not available; therefore these figures are subject to revision upward.
[2] Less than one-half the unit.
[3] Country distribution not available.
[4] Less than $500.

FINANCE

Government Receipts and Expenditures (Thousands of Bolivares)

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947
Receipts	341, 225	353, 548	345, 683	325, 264	306, 315	446, 326	613 728	711, 712	1, 095, 286
Expenditures	361, 391	382, 490	347, 311	320, 017	306, 555	363, 309	486, 976	749, 702	1, 064, 110

Public Debt (Thousands of Bolivares)

December 31—	External[1]	Internal	Total	December 31—	External[1]	Internal	Total
1939	117	2, 993	3, 110	1944	117	24, 952	25, 069
1940	117	996	1, 113	1945	(2)	24, 503	-------
1941	117	10, 996	11, 113	1946	(2)	31, 051	-------
1942	117	15, 585	15, 702	1947	(2)	23, 066	-------
1943	117	23, 586	23, 703				

[1] Sums deposited in the Embassies of France and Spain, with the Council of the Corporation of Foreign Bondholders in London, and in the Deutsche Bank and Disconto Gesellschaft of Berlin (German Bank and Discount Association of Berlin).
[2] Not reported.

Reserve Position of Central Bank as of December 31 (Thousands of Bolivares)

Item	1940[1]	1941	1942	1943	1944	1945	1946	1947
Assets:								
Gold at home[2]	88, 430	124, 311	125, 028	125, 028	211, 791	369, 357	379, 548	379, 548
Gold abroad			81, 851	148, 286	116, 904	147, 737	177, 532	177, 861
Demand deposits abroad	7, 254	40, 581	26, 454	42, 449	66, 977	78, 896	115, 443	85, 078
Total	95, 684	164, 892	233, 333	315, 763	395, 672	595, 990	672, 523	642, 486
Liabilities:								
Notes in circulation	110, 412	156, 433	206, 100	272, 273	309, 733	385, 192	502, 114	605, 602
Deposits	6, 794	44, 327	[3] 65, 637	73, 867	102, 326	211, 250	195, 018	94, 164
Total	117, 206	200, 760	271, 737	346, 140	412, 059	596, 442	697, 132	699, 766

[1] The Bank was founded October 15, 1940.
[2] At the end of 1944 the Bank also held gold for the account of the Venezuelan Government in the amount of 70,000,000 bolivares, and at the end of 1945 and 1946 holdings of gold in this account amounted to 100,000,000 bolivares.
[3] Exclusive of required reserves deposited by commercial banks.

Currency and exchange.—The unit of currency is the bolivar (plural bolivares); parity announced by the International Monetary Fund, April 18, 1947, $0.298507 (3.35 bolivares to the dollar). Average annual exchange rates (selling rates, bolivares to the dollar in Venezuela), as follows: 1939—controlled rate, 3.19, free rate, 3.21; 1940—controlled rate, 3.19, free rate, 3.46; 1941—controlled rate, 3.26, free rate, 3.76; 1942—controlled rate 3.35, free rate, 3.45; 1943–47, inclusive—both rates, 3.35.

PRINCIPAL SOURCES

Anuarío Estadístico de Venezuela (annual).
Boletín Mensuel Estadística (monthly).
Estadística Mercantil y Marítima (annual).
Boletín del Banco Central de Venezuela.

ASIA (EXCLUDING MEDITERRANEAN ASIA)

BURMA

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 261,610 square miles. Population: 1947–48 estimate, approximately 18,000,000; 1946–47 estimate, approximately 17,000,000; 1941 census, 16,823,798. Predominantly rural; prewar urban population approximately 7 percent of total. Chief cities, 1941 census: Rangoon, 500,800 (1947 estimate, 600,000); Mandalay, 163,527.

Education.—Number of schools and approximate attendance, year ending August 31, 1946: 2,819 state schools, attendance 21,807; 74 recognized private schools, attendance 11,281; and 1,132 unrecognized private schools, attendance 64,590. Prewar schools and attendance: 6,800 recognized vernacular primary schools, with 522,000 pupils; 18,000 unrecognized monastic schools, with 200,000 pupils (estimates); 270 Anglo-vernacular high and middle schools (46 Government schools; 108 mission schools; 116 Buddhist and Indian National Schools). Enrollment at Rangoon University in 1941: 2,728.

Literacy.—1940 estimate: 56 percent of males and 16.8 percent of females literate in some language. 1931 census: about 49 percent of males and 14 percent of females literate.

AGRICULTURE AND FORESTRY

Land distribution: Estimated area under cultivation (in million acres) in 1946 and 1947, approximately 11 and 12.5, respectively; 1940–41, 18.8, of which two-thirds planted to rice. In 1940–41, approximately 19,000,000 acres considered by the Government to be "culturable waste." Forest area estimated at 145,300 square miles, approximately one-third of which is unprofitable or inaccessible.

Teak production (thousand long tons): 1934–39 average, 468; 1946–47 average, 140; 1947–48 average (estimated), 170.

Principal Crops: Area and Production

Crop	Area sown (thousand acres)			Production (thousand long tons)		
	1936-37 to 1940-41, average	1946-47	1947-48, estimated	1940-41	1946-47	1947-48, estimated
Rice	12,832	8,242	9,440	[1 2] 4,940	[2] 2,590	[2] 3,533
Cotton	453	171	[3] 222	20	7	8
Sugarcane	64	[4] 32	([5])	------	------	------
Refined sugar	------	------	------	38	([5])	[6] 10
Raw sugar	------	------	------	[1] 78	40	40
Sesamum (seed)	1,401	1,262	1,391	57	[7] 31	44
Peanuts, in shell	808	573	[3] 729	[8] 195	100	147
Beans	[9] 1,174	([5])	([5])	205	([5])	[10] 150
Millet	[9] 450	([5])	([5])	61	([5])	([5])
Corn	[9] 214	([5])	([5])	36	([5])	([5])
Other Grain	[9] 275	([5])	([5])	46	([5])	([5])
Tobacco	[9] 134	([5])	([5])	60	([5])	([5])
Rubber	[9] 111	([5])	([5])	14	([5])	10

[1] 1935-36 to 1939-40 average.
[2] Milled rice; postwar data computed from paddy figures at ratio of milled rice to paddy of 65 percent.
[3] Actual.
[4] 1945-46.
[5] Not available.
[6] Target.
[7] Estimated.
[8] Five-year prewar average, 181,400 tons.
[9] 1940-41.
[10] Target; includes beans and pulses.

MINING AND MANUFACTURING

Mining.—Mineral production since the war has been negligible. Production of principal metallic minerals, 1937–39 average (long tons, except as noted): Lead (metal), 72,000; zinc concentrates, 65,000; tin concentrates, 7,000; tungsten concentrates, 8,000; nickel speiss, 3,300; copper matte, 7,800; refined silver (million ounces), 6.2. Petroleum, 1938–40 average, 270 million imperial gallons (1947–48 estimate, 5 million).

Industries.—The most important industrial activity before the war was rice-milling; next in importance were saw-milling, petroleum refining, and textile manufacturing. Other undertakings included the treatment of ores, engineering, manufacture of aluminum ware, sugar refining, flour milling, cement production, and the manufacture of rubber products, matches, leather goods, vegetable oils, soap, and miscellaneous products for the local market. Following the war, production of petroleum products, such as gasoline, lubricating oils, paraffin wax, and kerosene, was practically nil, pending resumption of refinery operations.

Electric power.—Before the war there were many small electric power stations scattered throughout Burma. The only important installations were those associated with mines, factories, and communications. The power capacity (in kilowatts) at the principal oil field was 20,000; Rangoon Tramway and Supply Company, 16,500; and the principal mines, 11,500. None of the large power plants had resumed normal operations in 1948

Employment.—In 1940, employment in factories utilizing power machinery and employing at least 20 workers numbered close to 90,000 compared with an estimated employment of approximately 550,000 in handicrafts.

TRANSPORTATION AND COMMUNICATION

Roads.—1938, miles: Bituminous, metaled, or surfaced roads, 6,263; earth and gravel roads motorable during most of the year, 6,280; earth and gravel roads usually not motorable and used mostly by carts and wagons, 4,522. Postwar figures may be several thousand miles greater.

Railway Statistics

Item	1939-40	1946-47	Item	1939-40	1946-47
Mileage, single-track	1,852	1,498	Freight locomotives, steam	55	32
Mileage, double-track	207	12	Shunting locomotives, steam	41	27
Passengers carried weekly	361,738	154,053	Passenger locomotives, steam	110	42
Ton-miles weekly	12,355,154	5,731,660	Passenger coaches	718	225
Passenger-miles weekly	8,637,596	3,946,309	Freight cars	8,317	4,815

Civil aviation.—Number of passengers entering by air: 1947, 2,132 (including 375 military); 1946, 1,725 (including 628 military). Number of passengers leaving by air: 1947, 2,413 (including 393 military); 1946, 1,853 (including 1,208 military).

Shipping.—Inland water transportation: In 1940–41 the Irrawaddy Flotilla Co., which was the largest single public carrier, was reported to have carried about 1,300,000 long tons of cargo. Water transportation was seriously disrupted as a result of the loss of tonnage and equipment during the war. Gross tonnage (long) of inland watercraft in 1947, 40,481; 1939, 105,257.

Oceangoing Vessels Entering Rangoon Port

Item	1938-39		1939-40		1940-41	
	Number	Net tonnage	Number	Net tonnage	Number	Net tonnage
Steamers	1,423	4,298,813	1,377	4,254,154	1,248	3,510,316
Sailing vessels	161	12,189	141	11,407	239	17,675
Total	1,584	4,311,002	1,518	4,265,561	1,487	3,527,991

Freight Tonnage at Rangoon Harbor (Thousand Long Tons)

Item	1936	1937	1938	1939
Imports	1,326	1,319	1,430	1,400
Exports	3,891	3,940	3,960	3,579
Transshipments	24	29	29	27
Total	5,241	5,288	5,419	5,006

Tonnage of cargo in vessels of given nationalities, 1939–40 (excluding small coastal trade): Imports—British, 964,933; Burma, 12,212; India (British), 169,655; other, 188,415; total, 1,335,215. Exports—British, 2,213,622; Burma, 791,738; India (British), 558,032; other, 349,235; total, 3,912,627.

Communication.—Services in 1940: 572 post offices; 656 telegraph offices; 8,373 miles of telegraph lines with 33,281 miles of wire; 2,808 telephones serving Rangoon, Syriam, and Moulmein; 6,321 licensed short-wave radio sets; one locally important radio station. In 1948 there were approximately 400 post offices in operation; telephone and telegraphic communications had not returned to prewar performance.

FOREIGN TRADE

Per capita trade.—1946–47: General imports, $9.55; exports including reexports, $8.45; domestic exports, $8.20.

Basis of trade statistics.—Statistics for 1937–38 and 1938–39 are for the fiscal year from April 1 to March 31; those for 1946, for 8 months only, from February 1 to September 30; and those for 1946–47, for the new fiscal year, from October 1 to September 30.

Imports are goods landed, whether intended for home consumption, bonding, or reexport. Exports exclude reexports. Foreign goods transshipped at ports in Burma are not included; trade by parcel post is included. Trade on Government account, which was comparatively large in 1946 and 1946–47, is included. Statistics of Government trade are complete for 1937–38 and 1938–39, and are included as available for 1946 and 1946–47. Although the figures for imports by the Government Project Boards are not complete for all commodities, they are believed to be reasonably accurate for the more important commodities: Butter, cotton thread and fabrics, condensed milk, peanut oil, and sugar.

The valuations of imports and exports are declared values verified by the customs and, in accordance with the India Sea Customs Act, are based on (a) the wholesale cash price, less trade discount, for which goods of like kind and quality are sold or are capable of being sold at the time and place of importation or exportation, reduced further by the amount of import duties payable in the case of imports, but with no further reduction in the case of exports; or (b) where no such price is ascertainable, the cost at which goods of like kind and quality could be delivered at such place without deduction.

Imports are credited to the country of original consignment; exports to the country of final destination as declared by exporters.

In the tables of Imports and Exports by Principal Commodity Groups the more important chapter groups of Burmese trade statistics are listed without indentation. It has been necessary to present the broad chapter groups because figures for many specific commodities are not separately available for 1946–47 and many of those which are available are incomplete. That part of the trade which is commercial only is indicated (in italics) for chapter groups wherever possible. Listings of specific items are indented and are presented as an indication of the principal commodity composition of the chapter group of which they are a part.

The trade values have been converted from rupees at the rates of exchange shown on page 433.

Value of Imports and Exports

Year[1]	Merchandise			Bullion and coin			
				Gold		Silver	
	General imports	Exports including reexports	Domestic exports	Imports	Exports	Imports	Exports
	Thousands of rupees						
1936-37	225, 025	498, 508	492, 496	193	----------	254	9, 005
1937-38	244, 033	505, 536	499, 675	222	142	8, 158	12, 635
1938-39	216, 329	485, 409	477, 925	47	24	441	11, 235
1939-40	260, 421	551, 395	540, 960	383	12, 824	18, 310	10, 129
1940-41	308, 195	555, 234	547, 032	1, 527	5, 027	13, 130	9, 347
1946	289, 149	69, 444	67, 373	----------	----------	----------	595
1946-47[2]	538, 058	474, 605	460, 725	2, 461	----------	54	668
	Thousands of dollars						
1936-37	84, 099	186, 307	184, 061	72	----------	95	3, 365
1937-38	91, 559	189, 672	187, 473	83	53	3, 061	4, 741
1938-39	77, 658	174, 252	171, 566	17	9	158	4, 033
1939-40	83, 548	176, 899	173, 551	123	4, 114	5, 874	3, 250
1940-41	92, 924	167, 409	164, 936	460	1, 516	3, 959	2, 815
1946	87, 395	20, 989	20, 363	----------	----------	----------	180
1946-47[2]	162, 628	143, 449	139, 254	744	----------	16	202

[1] 1936-37 through 1940-41, fiscal years, April 1 to March 31; 1946, 8 months only, February 1 to September 30; 1946-47, the new fiscal year, October 1 to September 30.

[2] Preliminary figures.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Exports including reexports			
	1937-38[1]	1938-39[1]	1946[2]	1946-47[3]	1937-38[1]	1938-39[1]	1946[2]	1946-47[3]
Total	**91,559**	**77,658**	**[4] 22,778**	**[4] [5] 101,068**	**189,672**	**174,252**	**20,989**	**[5] 143,651**
United States, including Hawaii	3,880	2,686	[6] 746	[6] 4,213	407	291	877	1,978
India[7]	45,641	42,932	13,743	37,500	96,693	94,750	14,287	62,897
United Kingdom	18,438	14,364	3,908	34,628	27,166	24,388	1,839	9,930
Malaya	2,311	2,202	517	5,016	13,790	12,205	3,572	18,596
Hong Kong	1,036	1,092	5	2,164	1,854	1,178	242	13,170
Ceylon	274	159	34	174	11,171	9,641	(8)	17,749
China	144	190	—	2,627	994	939	—	10,530
Indonesia	320	163	—	9	1,799	2,535	151	4,715
Australia	530	317	21	2,542	241	188	(8)	5
Mauritius and dependencies	—	—	—	7	1,220	437	—	—
Thailand	19	14	19	827	44	31	—	13
Japan	7,847	5,113	—	(8)	4,326	3,315	—	—
Netherlands	1,744	1,942	—	1,297	1,530	2,966	—	—
Korea	—	—	—	—	—	—	—	786
Belgium	1,436	999	—	938	2,839	1,931	—	121
Germany	2,955	1,773	—	—	7,177	7,412	—	—
France	405	387	—	361	360	379	—	—
Italy	415	398	—	978	416	251	—	30
Poland	400	130	—	—	596	759	—	—
Czechoslovakia	248	164	—	86	257	953	—	—
Iran	1,736	1,132	3,415	5,923	12	2	—	—
Union of South Africa	170	253	12	23	1,093	872	—	—
Portuguese East Africa	—	40	—	—	1,098	855	—	—
British West Indies, including Bahamas	1	—	—	—	1,089	1,167	—	—
Chile	—	1	—	—	779	873	—	—
Other countries	1,609	1,207	358	1,755	12,721	5,934	21	3,131
Percent of total:								
United States	4.2	3.5	3.3	4.2	0.2	0.2	4.2	1.4
India	49.8	55.3	60.3	37.1	51.0	54.4	68.1	43.8
United Kingdom	20.1	18.5	17.2	34.3	14.3	14.0	8.8	6.9
Malaya	2.5	2.8	2.3	5.0	7.3	7.0	17.0	12.9
Hong Kong	1.1	1.4	—	2.1	1.0	.7	1.2	9.2
Ceylon	.3	.2	.1	.2	5.9	5.5	—	12.4
China	.2	.2	—	2.6	.5	.5	—	7.3
Indonesia	.3	.2	—	—	.9	1.5	.7	3.3
Australia	.6	.4	.1	2.5	.1	.1	—	—
Japan	8.6	6.6	—	—	2.3	1.9	—	—
Netherlands	1.9	2.5	—	1.3	.8	1.7	—	—
Germany	3.2	2.3	—	—	3.8	4.3	—	—
Iran	1.9	1.5	15.0	5.9	—	—	—	—

[1] Fiscal year April 1 to March 31.
[2] 8 months, February 1 to September 30.
[3] New fiscal year, October 1 to September 30. Preliminary figures.
[4] Commercial trade only. Government imports by country of origin for the period are not available but are reported to be largely from soft-currency areas. Total imports by the Government for the 8-month period in 1946, $64,618,000; for the fiscal year 1946-47, $62,321,000.
[5] Includes gold and silver.
[6] Commercial trade only.
[7] During the British regime a considerable portion of the imports from India (8.4 percent in 1937-38, 8.3 percent in 1938-39, and about 6.3 percent in 1946) were goods shipped from other countries to Burma via India. These goods have been credited to India by the Collector of Customs. It is not possible to credit this trade to the countries of original consignment.
[8] Less than $500.

Imports by Principal Commodity Groups [1] [2]

Commodity group or commodity	Quantity				Value (thousands of dollars)			
	1937-38[3]	1938-39[3]	1946[4]	1946-47[2] [5]	1937-38[3]	1938-39[3]	1946[4]	1946-47[2] [5]
General imports, total (commercial and Government), excluding gold and silver					**91,559**	**77,658**	**87,359**	**162,628**
Commercial, total					*89,347*	*74,589*	*22,778*	*100,307*
Dairy products, eggs and honey					2,532	2,371	1,996	4,825
Commercial					*2,532*	*2,371*	*29*	*2,584*
Milk, condensed and preserved ... 1,000 lb.	22,231	20,485	(6)	(6)	1,688	1,597	[7] 1,569	[7] 1,781
Fish and fish products					2,225	1,874	938	1,939
Fish, dried or salted ... 1,000 lb.	18,908	18,023	3,784	(6)	1,790	1,575	936	(6)
Cereal grains					407	302	3	274
Commercial					*407*	*302*	*3*	*65*
Cereal products, including starches					2,451	2,097	103	1,756
Wheat flour ... 1,000 cwt.	616	650	1	(6)	1,656	1,366	6	(6)
Biscuits and cakes ... 1,000 lb.	2,450	2,101	134	(6)	395	330	26	(6)
Fruits, nuts and products thereof, excluding oilnuts					1,231	863	376	1,262
Fruits and nuts, dried, salted and preserved ... 1,000 lb.	15,687	5,490	7,278	(6)	534	232	322	(6)
Vegetables and vegetable products					976	1,532	211	1,295
Vegetables, fresh					491	826	131	(6)
Sugar, molasses and sugar confectionery					1,134	811	3,462	493
Commercial					*1,134*	*811*	*1*	*178*
Sugar ... 1,000 lb.	30,834	19,275	61,658	4,153	930	641	[7] 3,461	[7] 233
Coffee, tea, cocoa and spices					3,101	2,044	388	2,991
Commercial					*3,101*	*2,044*	*376*	*2,595*
Tea ... 1,000 lb.	7,863	2,052	23	(6)	1,289	428	16	(6)
Spices ... do.	36,251	34,980	2,497	(6)	1,679	1,478	344	(6)
Beer, wines, liquors and vinegar					895	778	279	899
Beer and ale ... 1,000 gal.	595	546	(8)	(6)	418	395	(8)	(6)
Distilled liquors ... do.	77	72	34	(6)	346	318	264	(6)
Tobacco, leaf and manufactured					3,317	3,182	1,488	5,719
Commercial					*3,317*	*3,182*	*1,305*	*5,719*
Leaf ... 1,000 lb.	14,361	14,687	756	(6)	864	821	151	(6)
Cigarettes ... thousands	696,577	496,341	110,036	(6)	2,131	1,930	879	(6)
Oilseeds and oil nuts ... 1,000 lb.	27,825	38,958	1,331	(6)	850	950	170	322
Oils, fats, greases and waxes, excluding minerals and essential oils					2,243	2,369	8,934	14,390
Commercial					*2,243*	*2,369*	*254*	*2,627*
Coconut oil ... 1,000 lb.	11,446	11,295	960	(6)	621	445	[11] 206	(6)
Peanut oil ... do.	17,028	28,521	(6)	(6)	957	1,296	[9] 7,958	[7] 11,093
Chemicals, drugs and medicines[10]					2,276	2,030	1,377	2,751
Commercial					*2,050*	*1,760*	*420*	*2,425*
Chemicals					983	821	(6)	(6)
Drugs and medicines					937	892	(6)	(6)
Alcohols ... 1,000 gal.	200	183	(6)	(6)	308	265	(6)	(6)
Dyes, tanning materials, paints and varnishes					834	762	604	3,609
Commercial					*834*	*762*	*442*	*1,471*
Dyes and tanning materials					215	253	[11] 331	(6)
Paints and paint materials					550	448	[11] 90	(6)
Essential oils, perfumery, polishes and soaps					738	732	2,147	1,714
Commercial					*738*	*732*	*360*	*967*
Soaps ... 1,000 lb.	8,022	8,384	2,077	(6)	619	584	[11] 271	(6)
Fertilizers, chemical and other, excluding oil cake					73	34	5	4
Rubber and rubber products[12]					743	620	690	2,379
Commercial					*743*	*620*	*407*	*1,801*
Automobile tires and tubes ... thousands	47	47	16	(6)	477	412	[11] 342	(6)
Wood, cane, rattan, cork and products thereof, including lac					403	268	215	329
Paper, cardboard and products thereof					1,709	1,376	454	3,407
Commercial					*1,701*	*1,366*	*121*	*2,159*
Paper, all kinds ... 1,000 lb.	39,667	36,700	(6)	(6)	1,422	1,194	(6)	(6)
Cardboard, wallboard and products thereof					129	97	(6)	(6)
Hides, skins and leather[13]					307	294	381	1,156
Commercial					*301*	*275*	*378*	*248*

See footnotes at end of table.

Imports by Principal Commodity Groups[1] [2]—Continued

Commodity group or commodity	Quantity				Value (thousands of dollars)			
	1937-38[3]	1938-39[3]	1946[4]	1946-47[2] [5]	1937-38[3]	1938-39[3]	1946[4]	1946-47[2] [5]
Leather products, excluding boots, shoes and clothing	------	------	------	------	62	40	251	88
Textile fibers, raw[14]	------	------	------	------	63	39	[9] 64	1,062
Yarn and thread, all kinds	------	------	------	------	3,248	4,201	397	2,064
Commercial	------	------	------	------	*3,248*	*4,201*	*10*	*1,240*
Cotton twist, yarn and thread ... 1,000 lb	12,270	17,129	(6)	(6)	3,099	4,036	[15] 329	[7] 46
Wool yarn ... do	216	178	(6)	(6)	119	108	(6)	(6)
Textile fabrics	------	------	------	------	17,752	12,281	34,421	37,918
Commercial	------	------	------	------	*17,675*	*12,159*	*4,240*	*19,359*
Cotton piece goods ... 1,000 yd	170,500	137,611	(6)	(6)	14,612	10,498	[16] 18,226	[17] 8,812
Other cotton textiles	------	------	------	------	517	338	(6)	(6)
Woolen piece goods ... 1,000 yd	601	321	(6)	(6)	417	220	(6)	(6)
Other wool and wool mixed textiles ... 1,000 yd	515	284	(6)	(6)	421	163	(6)	(6)
Piece goods of artificial silk, including mixed ... 1,000 yd	4,259	1,260	(6)	(6)	551	251	(6)	(6)
Special textile products	------	------	------	------	527	469	163	1,130
Commercial	------	------	------	------	*527*	*469*	*71*	*631*
Cordage of cotton, jute and other fibers ... 1,000 lb	5,983	5,202	469	(6)	369	311	[11] 66	(6)
Belting for machinery	------	------	------	------	157	155	(6)	(6)
Clothing of textiles, including all hats	------	------	------	------	1,479	1,021	545	3,372
Commercial	------	------	------	------	*1,395*	*958*	*330*	*2,617*
Boots and shoes	------	------	------	------	578	456	944	1,094
Commercial	------	------	------	------	*564*	*448*	*208*	*815*
All leather ... 1,000 pr	240	170	98	(6)	245	175	[11] 165	(6)
Rubber or rubber soled ... do	1,791	1,377	97	(6)	313	265	[11] 44	(6)
Other textile products	------	------	------	------	5,507	5,537	316	3,198
Commercial	------	------	------	------	*5,507*	*5,537*	*285*	*2,880*
Cotton blankets ... 1,000 lb	1,901	1,682	174	(6)	398	303	95	(6)
Cotton towels ... thousands	3,975	3,485	34	(6)	440	347	44	(6)
Jute gunny bags ... do	52,431	59,205	622	(6)	4,490	4,779	133	(6)
Woolen blankets ... 1,000 lb	548	397	13	(6)	178	106	13	(6)
Petroleum products, coal, coke and candles	------	------	------	------	[18] 5,919	[19] 5,736	[11] 4,813	[11] 9,486
Coal and coke ... short tons	566,480	714,960	------	(6)	2,877	3,689	------	(6)
Fuel oil ... 1,000 bbl	721	675	78	(6)	1,762	1,165	233	(6)
Kerosene ... do	34	2	102	(6)	242	20	472	(6)
Lubricating oil ... do	30	26	22	(6)	584	472	374	(6)
Gasoline and other products flashing below 76° F. ... 1,000 bbl	1	1	309	(6)	13	21	1,124	(6)
Asphalt ... long tons	7,579	7,146	50	(6)	167	153	4	(6)
Nonmetallic minerals and primary products thereof	------	------	------	------	974	563	585	2,313
Commercial	------	------	------	------	*943*	*563*	*319*	*1,124*
Portland cement ... 1,000 bbl	131	50	45	(6)	350	127	[11] 229	(6)
Salt ... 1,000 lb	133,092	87,062	3,468	(6)	490	311	[11] 79	(6)
Asbestos products	------	------	------	------	82	75	[11] 5	(6)
Clay products	------	------	------	------	495	411	285	1,129
Commercial	------	------	------	------	*494*	*410*	*151*	*950*
Tile, pipes, sanitary ware and other earthenware	------	------	------	------	218	161	[11] 149	(6)
Porcelain, excluding electrical	------	------	------	------	216	197	[11] 2	(6)
Glass and glassware	------	------	------	------	436	317	343	944
Commercial	------	------	------	------	*431*	*312*	*217*	*749*
Bottles and phials ... gross	94,982	66,412	7,835	(6)	86	63	[11] 21	(6)
Sheet and plate ... 1,000 sq. ft	2,847	1,564	(6)	(6)	99	52	(6)	(6)
Precious metals, precious stones and jewelry	------	------	------	------	589	507	[20] 50	60
Diamonds, precious stones and pearls	------	------	------	------	570	493	(6)	(6)
Iron and steel	------	------	------	------	5,638	4,360	3,163	12,706
Commercial	------	------	------	------	*5,505*	*4,196*	*931*	*4,081*
Steel bars ... short tons	15,728	5,693	88	(6)	991	333	[11] 11	(6)
Structural steel ... do	5,781	5,562	1,960	(6)	387	351	[11] 561	(6)
Sheet and plate, including tinned, galvanized and corrugated ... short tons	27,661	29,999	10	(6)	2,462	2,479	[11] 1	(6)
Pipes and fittings ... do	11,679	5,139	2,045	(6)	1,058	667	[11] 304	(6)
Rails and fittings ... do	2,993	5,410	17	(6)	173	225	[11] 2	(6)
Nonferrous metals and primary products thereof	------	------	------	------	953	890	168	2,288
Commercial	------	------	------	------	*712*	*629*	*74*	*2,272*
Aluminum, including sheet and products ... 1,000 lb	814	926	76	(6)	200	226	[11] 41	(6)

See footnotes at end of table.

Imports by Principal Commodity Groups[1] [2]—Continued

Commodity group or commodity	Quantity				Value (thousands of dollars)			
	1937-38[3]	1938-39[3]	1946[4]	1946-47[2] [5]	1937-38[3]	1938-39[3]	1946[4]	1946-47[2] [5]
Brass, bronze and products 1,000 lb	924	683	15	(6)	174	121	[11] 9	(6)
Zinc, spelter and products 1,000 lb	1,302	2,925	36	(6)	99	137	[11] 4	(6)
Tin, including solder do	209	210	23	(6)	110	45	[11] 19	(6)
Copper, excluding wire do	269	310	1	(6)	115	87	(8)	(6)
Metal manufactures					3,241	2,237	4,060	6,108
Commercial					*3,140*	*2,179*	*894*	*3,815*
Cutlery					86	78	[11] 84	(6)
Hardware, including safes and stoves					2,043	1,404	(8)	(6)
Iron and steel wire, including fencing short tons	1,891	1,571	(6)	(6)	259	188	(8)	(6)
Wire nails do	4,748	3,376	(6)	(6)	408	245	(8)	(6)
Machinery and parts, excluding electrical					5,273	4,013	1,764	5,359
Commercial					*5,183*	*3,940*	*954*	*3,266*
Engines and parts, including industrial locomotives and boilers					687	507	[11] 402	(6)
Metal-working machinery					77	113	[11] 47	(6)
Mining machinery					2,218	1,395	[11] 3	(6)
Oil refining and oilseed crushing machinery					295	274	[11] 12	(6)
Pumping machinery					107	239	[11] 5	(6)
Rice and flour mill machinery					117	58	[11] 4	(6)
Sewing and knitting machines and parts					283	170	[11] 118	(6)
Typewriters and parts					123	80	[11] 60	(6)
Electrical machinery, appliances, equipment and parts					1,741	1,644	2,024	3,722
Commercial					*1,741*	*1,644*	*434*	*2,838*
Electric wire and cable					286	193	[11] 63	(6)
Electric lightbulbs, all types thousands	5,655	4,291	111	(6)	132	116	[11] 14	(6)
Lamps and parts, including flashlights					157	117	[11] 2	(6)
Batteries, including flashlight					349	274	[11] 77	(6)
Radio sets and parts, including tubes					120	113	[11] 27	(6)
Motors and generators					127	109	[11] 93	(6)
Control and switchgear and transformers					154	193	[11] 50	(6)
Vehicles					2,917	2,246	6,591	9,195
Commercial					*2,821*	*2,197*	*735*	*5,534*
Bicycles and parts, excluding tires					327	261	[11] 138	(6)
Railway rolling stock and parts, including locomotives					63	112	(8)	(6)
Automobiles, passenger number	1,313	1,041	123	(6)	1,113	839	[11] 164	(6)
Motorbusses and chassis number	938	731	74	(6)	914	643	[11] 119	(6)
Automotive parts, excluding tires					323	278	[11] 52	(6)
Aircraft and parts					22	19	[11] 170	(6)
Ships, launches, boats and parts					92	27	[11] 86	(6)
Miscellaneous crude products					295	260	[21] 75	273
Gums and resins 1,000 lb	2,502	2,661	118	(6)	75	69	[11] 23	(6)
Animals, living					74	43	[11] 3	(6)
Miscellaneous manufactured goods					5,155	4,863	1,982	7,210
Commercial					*4,731*	*3,963*	*1,404*	*6,581*
Industrial explosives, including fuse and detonators					320	313	(8)	(6)
Books and printed matter 1,000 lb	1,208	843	68	(6)	295	325	[11] 53	(6)
Clocks, watches and parts					171	148	[11] 8	(6)
Phonographs and records					234	172	[11] 15	(6)
Photographic and projection goods, including films					499	505	[11] 49	(6)

See footnotes at end of table.

Imports by Principal Commodity Groups[1, 2]—Continued

Commodity group or commodity	Quantity				Value (thousands of dollars)			
	1937-38[3]	1938-39[3]	1946[4]	1946-47[5]	1937-38[3]	1938-39[3]	1946[4]	1946-47[2, 5]
Scientific and professional instruments and apparatus	-	-	-	-	208	216	[11] 29	(6)
Provisions, including canned and bottled ....1,000 lb	8,714	4,233	86	(6)	739	366	[11] 41	(6)
Pencils and stationery, excluding paper	-	-	-	-	337	363	[11] 286	(6)
Toilet requisites, excluding brushes and soap	-	-	-	-	389	350	[11] 419	(6)
Toys and sporting goods, excluding firearms	-	-	-	-	139	132	[11] 62	(6)
Umbrellas and fittings	-	-	-	-	230	116	[11] 5	(6)
Gold	-	-	-	-	83	17	-	744
Silver	-	-	-	-	3,061	158	-	16

[1] Including goods to be reexported and for bonding.
[2] Statistics for 1946-47 include trade to and from China, India, and Thailand by land; for the previous years by sea only. Trade by land during 1937-38 and 1938-39 was negligible, during 1946 not available but probably very small.
[3] Fiscal year, April 1 to March 31.
[4] Eight months, February 1 to September 30.
[5] New fiscal year, October 1 to September 30. Preliminary figures.
[6] Not available.
[7] Government trade only.
[8] Less than one-half the unit.
[9] 99 percent Government trade.
[10] Including alcohols, turpentine, gelatine, and glue.
[11] Commercial trade only.
[12] Excluding boots, shoes, and clothing.
[13] Including raw and dressed hides and skins and artificial leathers.
[14] Including cotton, wool, silk, hemp, jute, etc.
[15] 98 percent Government trade.
[16] 21.7 percent commercial trade, 78.3 percent imports by Civil Supplies Dept., principal importing Project Board. Other Government imports not available.
[17] Imports by Civil Supplies Department only. Commercial trade and other Government imports not available.
[18] 11.2 percent Government trade, all of which is coal and coke.
[19] 18.5 percent Government trade, all of which is coal and coke.
[20] 63.5 percent Government trade.
[21] 28.2 percent Government trade.

Exports by Principal Commodity Groups [1]

Commodity group or commodity	Quantity				Value (thousands of dollars)			
	1937–38[2]	1938–39[2]	1946[3]	1946–47[1 4]	1937–38[2]	1938–39[2]	1946[3]	1946–47[1 4]
Domestic exports, total (commercial and Government), excluding gold and silver	---	---	---	---	**187,473**	**171,566**	**20,363**	**139,254**
Commercial, total	---	---	---	---	*187,317*	*171,544*	*3,398*	*13,841*
Cereals: grain, pulse and flour	---	---	---	---	78,711	76,353	16,617	114,565
Commercial	---	---	---	---	*78,615*	*76,344*	*13*	*184*
Maize, 1,000 bu.	576	512	197	457	274	209	[5] 210	[5] 832
Rice, million lb.	6,220	6,554	447	1,930	77.061	74,270	[5] 15,790	[5] 110,454
Paddy, 1,000 lb.	147,529	226,748	9,339	21,961	1,319	1,796	[5] 319	[5] 803
Vegetables	---	---	---	---	3,612	3,596	(6)	1,088
Potatoes, fresh, 1,000 lb.	74,396	68,981	3	(7)	1,067	1,017	(6)	(7)
Pulse, long tons	84,943	93,151	---	735	2,507	2,576	---	[5] 234
Coffee, tea and spices	---	---	---	---	658	531	79	18
Tea, including tea waste, 1,000 lb.	2,787	286	---	(7)	211	36	---	(7)
Spices, do.	8,092	10,134	446	(7)	439	474	49	(7)
Animal feeds and fodder	---	---	---	---	6,223	5,911	[5] 284	2,482
Rice bran, long tons	318,620	301,929	7,835	50,327	4,455	4,135	[5] 284	[5] 2,118
Cottonseed oil cake, do.	9,075	7,700	---	(7)	217	165	---	(7)
Peanut oil cake, do.	62,688	72,458	---	(7)	1,532	1,589	---	(7)
Tobacco, leaf and products	---	---	---	---	265	226	16	66
Leaf, 1,000 lb.	4,163	3,173	32	(7)	181	146	3	(7)
Oilseeds and oil nuts, including essential	---	---	---	---	164	191	1	103
Animal and vegetable oils, fats, greases and waxes	---	---	---	---	186	81	33	20
Vegetable oils, non-essential, 1,000 lb.	2,167	734	139	(7)	113	32	33	(7)
Chemicals, drugs and medicines[8]	---	---	---	---	85	98	6	408
Chemicals	---	---	---	---	63	59	1	(7)
Drugs and medicines	---	---	---	---	22	40	5	(7)
Dyeing, tanning and coloring materials, including turpentine[9]	---	---	---	---	544	570	49	80
Cutch and gambier, 1,000 lb.	7,615	7,806	257	(7)	379	360	49	(7)
Turpentine[9], do.	2,399	3,772			125	183	---	---
Essential oils, perfumery and soap	---	---	---	---	12	3	1	144
Fertilizers and manures	---	---	---	---	36	42	(6)	1,408
Rubber and products thereof	---	---	---	---	2,597	2,139	[10] 2,095	1,090
Raw rubber, 1,000 lb.	20,870	21,119	9,478	(7)	2,596	2,139	1,656	(7)
Wood, canes, rattan, cork and products, incl. lac	---	---	---	---	14,671	12,305	[11] 377	[12] 12,826
Commercial	---	---	---	---	*14,671*	*12,305*	*15*	*1,854*
Teak wood, excluding teak keys, 1,000 cu. ft.	11,243	10,180	(7)	(7)	13,071	10,624	(7)	(7)
Other hard wood, do.	2,046	2,366	---	(7)	1,185	1,330	---	(7)
Teak keys (railway track wedges), 1,000 lb.	8,290	10,647	---	(7)	203	254	---	(7)
Hides and skins, raw and dressed, and leather	---	---	---	---	1,096	732	113	283
Raw cowhides, 1,000 lb.	12,687	10,866	956	(7)	802	550	106	(7)
Raw buffalo hides, do.	3,463	2,318	76	(7)	131	86	5	(7)
Raw goatskins, do.	909	753	25	(7)	128	79	3	(7)
Textile fibers, raw and waste	---	---	---	---	3,381	3,115	9	[13] 1,844
Raw cotton, 1,000 lb.	41,677	37,292	(7)	(7)	3,305	2,708	(7)	(7)
Raw silk, pounds	15,709	187,567	(7)	(7)	20	210	(7)	(7)
Raw wild silk, do.	22,797	204,964	(7)	(7)	20	171	(7)	(7)

See footnotes at end of table.

Exports by Principal Commodity Groups—Continued

Commodity group or commodity	Quantity				Value (thousands of dollars)			
	1937–38[2]	1938–39[2]	1946[3]	1946–47[1 4]	1937–38[2]	1938–39[2]	1946[3]	1946–47[1 4]
Petroleum products, coal, coke, and candles	------	------	------	------	50,024	43,587	------	2
Kerosene 1,000 bbl	3,756	3,612	------	------	26,723	24,556	------	------
Gasoline and other products flashing below 76°F. 1,000 bbl	1,563	1,455	------	------	8,850	7,683	------	------
Lubricating oil do	199	149	------	------	2,873	2,255	------	------
Other mineral oils do	391	369	------	------	3,175	2,667	------	------
Paraffin 1,000 lb	111,527	88,807	------	------	7,842	5,980	------	------
Candles do	5,297	4,431	------	------	561	443	------	------
Nonmetallic minerals and primary products	------	------	------	------	1	243	------	------
Cement 1,000 bbl	------	109	------	------	------	242	------	------
Ores and concentrates	------	------	------	------	9,604	9,215	95	3,684
Tin concentrate 1,000 lb	6,238	6,581	215	(7)	2,029	1,848	84	(7)
Wolfram concentrate do	22,729	23,946	34	(7)	7,519	7,327	11	(7)
Nonferrous metals and primary products	------	------	------	------	13,996	11,256	494	704
Copper 1,000 lb	16,330	13,600	193	(7)	844	527	17	(7)
Lead do	191,729	184,502	4,252	(7)	10,542	8,903	281	(7)
Tin do	421	647	254	(7)	239	276	154	(7)
Zinc spelter do	172,060	136,978	107	(7)	1,914	965	12	(7)
Miscellaneous manufactured goods	------	------	------	------	915	784	21	72
Matches 1,000 gross boxes	1,246	1,375	------	(7)	433	423	------	(7)
Parcel post	------	------	------	------	377	270	(7)	(7)
Gold and silver, commercial trade	------	------	------	------	2,761	2,497	180	116
Silver bullion 1,000 std. oz.[14]	6,632	6,399	85	107	2,734	2,497	180	116
Reexports (commercial and Government), excluding gold and silver	------	------	------	------	2,199	2,687	626	4,195
Reexports of gold and silver coin	------	------	------	------	2,033	1,545	------	86

[1] Statistics for 1946-47 include trade to and from China, India and Thailand by land; for the previous years by sea only. Trade by land during 1937-38 and 1938-39 was negligible; during 1946, not available but probably very small.
[2] Fiscal year, April 1 to March 31.
[3] Eight months. February 1 to September 30.
[4] New fiscal year, October 1 to September 30. Preliminary figures.
[5] Government trade only.
[6] Less than half the unit.
[7] Not available.
[8] Turpentine transferred to this group effective April 1, 1939. None in 1946.
[9] Turpentine included in this group during 1937-38 and 1938-39 only. See note 8.
[10] Rubber exports by Project Board for the period July 1945 to January 1946 also included.
[11] 95.9 percent Government exports of timber.
[12] 85.5 percent Government exports of timber.
[13] 96 percent to China by land.
[14] British standard ounce, 37/40 fine.

Trade With the United States by Principal Commodity Groups

Commodity group or commodity	Quantity			Value (thousands of dollars)		
	1937-38[1]	1938-39[1]	1946[2]	1937-38[1]	1938-39[1]	1946[2]
General imports from the United States, total, excluding gold and silver				**3,880**	**2,686**	**746**
Food products				196	168	3
Cigarettes and tobacco				16	13	(3)
Chemicals				22	44	
Drugs and medicines				64	64	4
Alcohols ... gallons	8,090	9,318		70	66	
Paint materials, enamels, varnishes and polishes				14	13	
Toilet articles, incl. brushes and soap				121	111	1
Automobile tires and tubes ... number	2,723	1,111		40	12	
Other rubber products, incl. shoes, excl. belting				11	6	1
Wood and products thereof, incl. furniture				16	8	(3)
Old newspaper ... 1,000 lb.	7,232	2,980		136	40	
Other paper				7	18	1
Books and printed matter				22	25	(3)
Hides and skins, tanned or dressed; leather and products thereof				22	17	
Cotton goods and all textile products, excl. belting and clothing				3	5	22
Belting for machinery, excl. leather				14	31	
Clothing				11	10	3
Lubricating oil ... barrels	22,389	20,964	19,882	420	369	328
Other petroleum products				122	60	22
Nonmetallic minerals and products, incl. cement and glassware				3	9	(3)
Iron and steel pipes and fittings ... short tons	1,748	948		279	178	
Other steel mill products				28	37	
Hardware and cutlery				133	81	(3)
Nonferrous metals and products, incl. copper wire				48	19	
Engines and parts, incl. boilers				17	37	28
Agricultural machinery and tractors				26	17	
Metalworking machinery				12	16	13
Mining machinery				839	386	(3)
Oil-extracting and refining machinery				106	29	2
Pumping machinery				21	80	
Other machinery				156	133	13
Mechanical refrigerators				24	23	(3)
Typewriters and parts				31	34	53
Electric lamps, incl. bulbs and flashlights				38	10	
Batteries (mainly flashlight)				222	135	
Radio equipment, incl. parts and tubes				14	16	(3)
Other electric instruments, apparatus and equipment				62	58	(3)
Automobiles, passenger ... number	173	112		152	73	
Motorbus chassis ... do	208	34		119	18	
Automotive parts				83	59	
Other vehicles and parts, incl. aircraft				6	3	170
Clocks and watches				12	10	
Scientific and professional instruments and apparatus				28	15	2
Oilcloth and linoleum ... square yard	63,171	58,046		10	9	
Pencils and stationery supplies, excluding paper				11	11	(3)
Other merchandise				73	110	75
Exports of Burmese products to the United States, total, excluding gold and silver				**398**	**281**	877
Rice, cleaned ... 1,000 lb.	681	3,185		8	37	
Raw rubber ... do	307	146	5,376	34	15	807
Teak ... 1,000 cu. ft.	40	91		89	163	
Raw cow and buffalo hides ... number	37,150	2,000		35	3	
Paraffin ... 1,000 lb.	3,044	853		214	57	
Other merchandise				18	6	70
Reexports				9	10	

[1] Fiscal year April 1 to March 31.
[2] Eight months only, February 1 to September 30.
[3] Less than $500.

NOTE.—Imports from and exports to the United States by commodities are not available for 1946-47. Totals are as follows: Imports, $4,213,000; domestic exports, $212,000, and reexports, $1,767,000.

FINANCE

Revenues and Expenditures of the Government of Burma (Millions of Rupees)

Item	1938–39[1] (actual)	1939–40[1] (actual)	1940–41[1] (estimate)	1941–42[1] (estimate)	1946–47[2] (estimate)
Revenues, total	**164.3**	**180.3**	**174.2**	**171.3**	**283.8**
Principal items:					
Customs	36.4	39.8	38.5	40.6	110.0
Excise duties	13.6	17.3	15.7	16.9	3.9
Taxes on income	19.1	18.4	19.4	19.9	12.0
Land revenue	54.2	51.0	50.8	46.8	30.2
Excise revenue	9.4	9.8	11.0	11.2	14.2
Stamps	3.4	3.3	3.4	3.3	3.0
Forests	14.3	14.4	13.4	13.2	10.7
Civil administration	4.9	5.2	5.8	5.6	(3)
Expenditures, total	**154.0**	**163.8**	**178.6**	**182.8**	**429.2**
Principal items:					
Land revenue	5.5	5.3	5.5	5.0	10.2
Forests	6.1	6.1	6.0	5.9	10.3
Interest	6.7	6.9	6.8	6.6	2.9
Debt refunding	8.6	8.8	9.4	9.9	6.0
General administration	11.5	11.8	12.6	11.9	23.8
Police	15.6	15.5	16.1	15.3	54.1
Education	9.5	9.8	10.0	10.8	19.8
Civil works	12.7	12.2	12.9	12.2	78.8
Pensions	14.8	14.7	16.5	15.5	10.4
Defense services	13.4	15.2	29.5	35.6	33.6

[1] Fiscal year ended March 31.
[2] Fiscal year ended September 30.
[3] Not available.

Public debt, July 31, 1941 (thousand rupees).—Debt to India, 486,916; post office savings, bank deposits, 23,236; provident funds and other unfunded debt, 21,710; Burma Railway Board, 23,781; post office 5-year cash certificates, 9,799; total 565,442.

Currency and exchange.—The unit of currency is the rupee. Rates taken as equivalent to those of the Indian rupee, which were as follows: 1936–37 to 1940–41, consecutively (noon buying rates for cable transfers in New York), \$0.37373, \$0.37519, \$0.35898, \$0.32082, and \$0.30151; 1946 and 1946–47, par value established with the International Monetary Fund on December 18, 1946—\$0.30225.

CEYLON

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 25,332 square miles. **Population**, 1947 midyear estimate, 6,879,000; March 19, 1946, census, 6,658,999 (6,695,605 inclusive of nonresident shipping and services population); December 31, 1938, estimate, 5,864,000; 1931 census, 5,306,871.

Chief cities and towns, 1946 census: Colombo, 364,106 (1938 estimate, 320,000; 1931 census, 284,155); Kandy, 50,381 (1938 estimate, 41,000; 1931 census, 37,147); Galle, 49,038 (1938 estimate, 38,000; 1931 census, 38,403); Jaffna, 62,922 (1938 estimate, 48,000; 1931 census, 45,821); Moratuwa, 50,093 (1938 estimate, 36,000; 1931 census, 32,409).

Urban population, 1946 estimate, 1,000,000; 50 percent of these are in Colombo and its suburbs.

Occupations, 1946 estimates: 63.4 percent of total earners were engaged in agriculture; 11.9 percent in industries; 11.3 percent in trade and transport; 3.3 percent in the public services and the liberal arts; and 1.8 percent in fishing.

Education.—1945: 5,726 schools, with an average daily attendance of 867,309. University of Ceylon enrollment, 1,065.

AGRICULTURE

Land distribution, 1946 (thousand acres).—Total agricultural, 3,825 (23.7 percent of total area), of which in main products, 3,298 (coconuts, 1,238; paddy, 856; rubber, 654; tea, 550);

in subsidiary crops, 235 (areca nuts, cacao, cardamoms, citronella, cinnamon, palmyra, cotton, sugarcane, tobacco); in food production crops, 267 (grains other than paddy, pulses, edible roots, miscellaneous crops); in orchards, 25. Crown forest reserves, 3,563. Other acreage, about 8,800, includes other crown forest and private forests in addition to unproductive areas.

Livestock, 1947, with 1938 data in parentheses (thousands): Cattle, 1,127 (1,670); buffaloes, 543; goats, 233 (233); sheep, 63 (63); swine, 37 (37); horses, 1.

MINING AND MANUFACTURING

Minerals.—Graphite is the principal mineral produced for export; ilmenite and monazite exist in quantities of commercial importance. There are also some hundreds of gem-pits from which sapphires, rubies, moonstones, cat's-eyes, and other precious stones are obtained. Pearl fishing is carried on intermittently in the Gulf of Mannor.

Manufacturing.—Industries have recently been established for the manufacture of textiles, cigarettes, matches, glassware, and soap. Government-owned industries include steel manufactures, ceramics, plywood, tanning and footwear, and glass. Among other important industries are gold, silver, brass, ivory and tortoise-shell work, weaving, pottery, metal and lacquer work, and basket and mat making.

TRANSPORTATION AND COMMUNICATION

Railways, 1945–46 financial year, with 1937–38 data in parentheses.—All are state-owned and managed by the Ceylon Government Railway Department. Lines in operation, 912 miles, including 106 narrow gage (951, including 117 narrow gage); passengers carried 25,953,000 (10,859,000); freight carried, 1,369,000 tons (907,000 tons); gross receipts, 56,309,000 rupees (16,129,000 rupees); working expenses, 52,098,000 rupees (20,268,000 rupees).

Roads, 1947.—Over 17,500 miles of roads and cart tracks in the island controlled and administered by the following authorities: Public Works Department, 6,364; district road committees, 3,000; local governing authorities, 565; village committees, 7,800; private parties, Irrigation Department, etc., 420. The following is the classification of the Public Works Department roads according to the nature of their surfaces (in miles): Full-metaled, 5,369; track-metaled, 88; graveled, 757; natural, 150. In addition there are approximately 8,200 miles of bridle paths administered by district and village committees.

Civil aviation, 1947.—There are four public airfields and four military airfields.

Postal services, 1946.—1,046 offices open for business, of which 180 classified as post offices, 382 as sub-post offices, 482 as village receiving offices.

Telecommunication services.—(1947) 10,316 miles of telegraph wire (including railway telegraph wires), of which 2,846 are laid underground. (1947) 70,445 miles of telephone wire (including trunk and junction lines) for subscribers' circuits, of which 43,189 are laid underground (excluding private estate lines). Radio receiving licenses: 1946, 14,227; 1945, 12,000; 1939, 7,621.

FOREIGN TRADE

Per capita trade.—1947: Imports, $42.20; exports, $39.00.

Basis of trade statistics.—Import figures are for general imports and values are c. i. f.; export values are f. o. b. Government stores are included in imports and ships' stores are included in exports. Trade by commodity groups, 1947 (percentages): Imports—food, beverages, and tobacco, 53.8; raw materials and semimanufactures, 8.5; manufactures, 37.6; domestic exports—72.6, 26.9, and 0.5, respectively.

Foreign trade values for 1934–47 have been converted from Ceylon rupees to United States dollars at the following rates: 1934, $0.3774; 1935, $0.3690; 1936, $0.3745; 1937, $0.3731; 1938, $0.3650; 1939, $0.3289; 1940, $0.3003; 1941, $0.3021; 1942, $0.3012; 1943, $0.3012; 1944, $0.3016; 1945, $0.3019; 1946, $0.3016; 1947, $0.3017.

Value of Foreign Trade

Year	Thousands of rupees					Thousands of dollars				
	General imports[1]	Exports including reexports[1]	Domestic exports[2]	Bullion and specie		General imports[1]	Exports including reexports[1]	Domestic exports[2]	Bullion and specie	
				Imports	Exports				Imports	Exports
1934	216, 996	263, 810	241, 193	93	78	81, 894	99, 562	91, 026	35	29
1935	227, 501	253, 113	230, 041	34	28	83, 984	93, 399	84, 885	12	10
1936	214, 338	268, 475	244, 415	97	117	80, 269	100, 544	91, 533	36	44
1937	242, 600	332, 075	309, 730	536	42	90, 514	123, 897	115, 560	200	16
1938	235, 529	284, 823	263, 535	746	111	85, 968	103, 960	96, 190	272	40
1939	242, 370	328, 106	304, 162	153	37	79, 715	107, 914	100, 039	50	12
1940	282, 595	386, 842	358, 958	171	1, 653	84, 863	116, 169	107, 795	51	496
1941	287, 147	423, 751	393, 841	31	15, 289	86, 747	128, 015	118, 979	9	4, 619
1942	273, 806	530, 658	507, 230	267	--------	82, 470	159, 834	152, 778	80	--------
1943	422, 661	569, 661	537, 640	234	297	127, 306	171, 582	161, 937	70	89
1944	500, 073	679, 936	616, 586	18	5	150, 822	205, 069	185, 962	5	2
1945	591, 657	665, 800	590, 928	64	3	178, 621	201, 005	178, 401	19	1
1946	602, 089	764, 684	716, 197	63	6	181, 590	230, 629	216, 005	19	2
1947	962, 578	889, 181	835, 399	7, 552	--------	290, 410	268, 266	252, 040	2, 278	--------

[1] Including postal articles; excluding bullion and specie.
[2] Excluding postal articles, bullion, and specie.

Merchandise Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Domestic exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total, excluding bullion and specie	[1] **90, 514**	[1] **85, 968**	[2] **176, 523**	[2] **280, 002**	[3] **115, 560**	[3] **96, 190**	[3] **216, 005**	[3] **252, 040**
United States	2, 323	1, 864	12, 719	33, 925	18, 075	12, 125	26, 504	36, 029
Canada	(4)	(4)	(4)	20, 187	6, 067	3, 353	3, 868	17, 087
Belgium	1, 705	1, 362	382	3, 169	1, 635	1, 544	890	2, 521
Germany	2, 118	1, 775	1	2	3, 456	2, 011	--------	140
Netherlands	545	726	310	2, 733	742	746	466	3, 541
United Kingdom	20, 075	17, 748	33, 239	46, 303	53, 489	51, 744	120, 798	92, 084
Burma	12, 562	12, 740	936	20, 401	(4)	(4)	(4)	(4)
India, including Pakistan	19, 923	18, 715	49, 063	38, 227	5, 492	3, 291	10, 705	10, 461
Iran	3, 105	2, 784	10, 225	10, 305	(4)	(4)	(4)	(4)
Japan	6, 136	5, 623	117	1, 913	759	455	--------	108
Java	2, 823	2, 850	6	26	(4)	(4)	(4)	(4)
Sumatra	4, 083	3, 410	2	13	(4)	(4)	(4)	(4)
Australia	2, 345	2, 234	22, 536	34, 937	4, 746	3, 968	22, 161	21, 253
New Zealand	(4)	(4)	(4)	(4)	2, 840	2, 343	5, 299	7, 050
Egypt	(4)	(4)	(4)	(4)	1, 111	1, 408	5, 513	16, 471
Union of South Africa	624	734	3, 857	4, 353	3, 518	2, 996	7, 035	12, 717
Other countries	12, 147	13, 403	43, 130	63, 508	13, 300	9, 946	12, 007	32, 169
Ships' stores	--------	--------	--------	--------	330	260	759	409
Percent of total:								
United States	2. 6	2. 2	7. 2	12. 1	15. 6	12. 6	12. 3	14. 3
Canada	(4)	(4)	(4)	7. 2	5. 3	3. 5	1. 8	6. 8
United Kingdom	22. 2	20. 6	18. 8	16. 5	46. 3	53. 8	55. 9	36. 5
Burma	13. 9	14. 8	. 5	7. 3	(4)	(4)	(4)	(4)
India, including Pakistan	22. 0	21. 8	27. 8	13. 7	4. 8	3. 4	5. 0	4. 2
Australia	2. 6	2. 6	12. 8	12. 5	4. 1	4. 1	10. 3	8. 4

[1] Including parcel post.
[2] Excluding parcel post.
[3] Including ships' stores; excluding parcel post.
[4] Not reported in source.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
General imports, total[1]	---	---	---	---	**90,514**	**85,968**	**181,590**	**290,410**
Milk, preserved (including powdered), full cream, and skimmed 1,000 lb	3,989	4,472	11,329	13,352	371	428	1,657	2,244
Milk foods do	688	742	4,147	5,528	497	509	2,597	3,501
Fish, dried or salted do	44,391	42,656	55,558	56,294	3,756	3,477	5,240	5,662
Fish, Maldive do	8,976	9,763	6,983	7,160	1,393	1,485	1,088	1,150
Rice do	1,115,689	1,170,291	568,284	578,310	18,926	19,834	19,540	40,725
Wheat flour hundredweight	320,673	351,509	4,760,905	6,565,414	853	688	14,091	44,098
Other grain 1,000 lb	25,027	28,831	67,110	94,083	435	402	3,164	5,056
Beans, peas, and other pulse do	66,665	67,757	31,278	94,824	1,176	1,301	2,147	7,806
Onions do	71,218	74,102	63,021	70,104	765	749	1,868	2,476
Potatoes do	30,995	30,205	18,421	47,040	525	466	1,062	3,496
Chilies, dried do	19,261	19,987	18,247	26,162	1,084	966	3,681	4,331
Coriander seed do	5,865	6,097	18,380	2,658	128	126	1,985	188
Coffee, green do	3,423	2,955	3,846	2,533	248	191	1,554	734
Sugar, refined do	164,361	160,513	200,580	218,359	2,711	2,899	10,794	12,282
Rubber tires and tubes number	320,978	187,510	304,346	321,867	854	672	2,465	1,717
Tobacco, unmanufactured 1,000 lb	1,436	1,263	2,935	2,120	409	405	1,369	1,374
Tobacco manufactures do	138	307	1,883	1,685	219	447	3,095	2,559
Cotton yarn and twist do	216	266	698	3,095	57	60	395	4,194
Cotton piece goods 1,000 yd	67,200	63,474	34,193	56,726	6,702	5,585	16,198	30,069
Other cotton manufactures, excluding apparel	---	---	---	---	502	469	1,434	2,832
Wearing apparel (all materials)[2]	---	---	---	---	1,537	1,262	3,434	2,273
Tea chests[3] thousands	2,934	3,414	2,145	2,294	1,149	1,599	2,748	3,302
Paper and cardboard:								
Printing paper 1,000 lb	8,541	8,653	13,621	20,707	300	359	1,033	2,327
Writing paper, envelopes, and writing pads 1,000 lb	3,461	2,828	2,225	4,841	229	205	527	1,229
Other, including playing cards	---	---	---	---	954	778	988	1,798
Coal short tons	639,070	429,486	384,122	358,028	2,829	2,249	5,472	5,269
Gasoline 1,000 bbl	404	351	488	511	2,639	2,265	1,670	2,375
Kerosene do	245	235	282	269	1,436	1,349	895	1,163
Diesel oil do	735	630	713	693	1,726	1,446	2,172	2,632
Furnace oil do	1,549	2,235	1,974	1,855	2,426	3,424	5,370	6,371
Lubricating oil do	27	21	31	30	233	185	528	670
Cement 1,000 lb	167,939	177,343	160,224	212,500	628	655	1,712	2,633
Iron and steel:								
Plates and sheets short tons	10,330	6,690	5,552	5,033	940	564	916	1,350
Sheets and circles, imported for manufacturing drums for exports of Ceylon produce short tons	6,465	7,593	2,282	1,890	445	430	307	312
Wire and wire manufactures short tons	3,485	2,911	1,602	4,352	315	257	379	1,081
Other iron and steel do	30,094	24,006	18,946	15,087	2,308	2,026	2,955	3,055
Nonferrous metals and manufactures:								
Aluminum ware 1,000 lb	931	922	966	2,062	365	372	512	1,036
Other	---	---	---	---	700	506	643	1,132
Machinery	---	---	---	---	1,803	1,686	4,077	4,980
Passenger automobiles (including chassis) number	2,404	1,624	1,550	3,109	1,630	1,140	1,853	4,320
Motor trucks, busses, and tractors (including chassis) number	809	406	819	925	596	293	951	1,266
Chemicals[4] 1,000 lb	11,635	10,379	11,140	16,501	550	446	1,333	1,963
Medicines and drugs do	1,277	1,112	2,110	2,312	815	818	1,957	2,212
Fertilizers do	223,950	206,057	191,130	193,569	2,884	2,810	5,017	5,834
Postal articles	---	---	---	---	(5)	(5)	5,068	10,408
Other merchandise imports	---	---	---	---	19,466	17,685	33,649	42,925
Bullion and specie:								
Gold bullion troy ounces	3,500	6,022	---	38,078	126	208	---	2,257
Silver bullion do	96,631	61,630	460,984	26,068	45	26	19	22
Coin do	544,188	369,012	---	---	29	38	---	---

[1] Excluding bullion and specie.
[2] Including footwear.
[3] Other chests, shooks, and fittings other than metal included.
[4] Excluding drugs, dyes, paints, and fertilizers.
[5] Postal articles are included under their appropriate commodities in 1937 and 1938.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Domestic exports, total[1]	----------	----------	----------	----------	**115,560**	**96,190**	**216,005**	**252,040**
Coconuts, desiccated.....1,000 lb..	65,943	66,512	22,226	25,873	2,530	1,606	3,190	6,970
Cacao (raw)..................do....	8,738	8,113	3,051	4,097	978	522	887	1,050
Tea, black..................do....	213,133	235,739	290,511	287,259	63,471	62,934	114,261	170,920
Cinnamon quills and chips.do....	5,854	5,268	8,135	4,022	767	572	2,974	1,688
Rubber, crude..............do....	156,099	114,624	227,980	181,128	28,732	16,525	68,362	40,881
Areca nuts..................do....	7,650	9,402	15,557	6,393	315	376	2,090	861
Copra..........................do....	158,702	168,413	86,934	66,606	4,668	3,206	4,948	6,452
Coconut oil..................do....	149,759	168,889	96,486	94,786	7,485	5,131	5,975	14,629
Citronella oil..............do....	1,522	1,604	1,762	1,278	496	431	2,687	1,203
Coir fiber....................do....	103,895	81,967	60,788	61,800	1,457	760	2,800	1,727
Graphite......................do....	38,933	26,393	18,104	20,171	858	638	1,062	1,089
Other domestic exports..........	----------	----------	----------	----------	3,803	3,489	3,769	4,570
Reexports, total[1]..................	----------	----------	----------	----------	7,598	7,378	13,315	15,471
Grain and flour......1,000 lb..	481	564	15,677	45,270	14	14	920	2,065
Coal[2]..............short tons..	364,475	252,376	154,553	116,974	2,185	1,537	2,554	2,181
Diesel and furnace oil[2] .... 1,000 bbl..	1,839	2,516	2,043	2,080	3,194	4,237	5,712	7,550
Metal ores and scrap 1,000 lb..	17,345	8,937	18,664	30,299	172	82	567	940
Other reexports..................	----------	----------	----------	----------	2,033	1,508	3,562	2,735
Bullion and specie:								
Gold bullion....troy ounces..	----------	654	----------	----------	----------	22	----------	----------
Silver bullion..........do....	672	900	----------	----------	1	1	----------	----------
Coin...........................do....	267,509	27,770	2,700	----------	15	17	2	----------

[1] Including ships' stores, excluding bullion and specie and postal articles. Exports (including reexports) of articles by parcel post were as follows; 1937, $564,000; 1938, $392,000; 1946, $1,309,000; 1947, $755,000.

[2] Mainly for bunkers.

Trade With the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
General imports from the United States, total[1]					[2] **2,323**	[2] **1,864**	[3] **12,719**	[3] 33,925
Milk foods 1,000 lb.	23	23	1,405	2,010	18	17	856	1,240
Wheat flour hundredweight				828,774				5,954
Fruits, fresh and preserved 1,000 lb.	1,325	980	112	4,482	115	82	14	625
Beer, ale, and porter gallons	402	215	541,350	58,473	(4)	(4)	372	88
Tobacco, unmanufactured 1,000 lb.	1,230	1,117	1,252	1,314	376	378	786	963
Cotton yarn and twist do.			285	2,708			214	3,770
Cotton piece goods 1,000 yd.	164	90	8,251	16,327	22	11	3,798	8,789
Artificial silk piece goods do.		(4)	83	1,748	(4)	(4)	119	1,619
Wearing apparel[5]					24	29	202	237
Tea chests[6] thousands			1,982	2,134			2,219	2,651
Paper and cardboard					46	22	130	522
Lubricating oil barrels	11,918	8,626	25,189	23,584	104	77	409	493
Asphalt do.	22,276	34,311	6,201	2,132	97	244	42	19
Iron and steel, including manufactures short tons	1,688	269	7,837	1,257	149	29	882	332
Machinery					183	144	348	820
Motorcars, trucks, busses, and tractors (including chassis) number	474	215	56	478	331	167	79	781
Spare parts and accessories for motor vehicles					93	86	193	197
Drugs and medicines 1,000 lb.	114	112	445	660	81	79	452	563
Chemicals[7] do.	105	202	1,561	2,571	23	25	93	303
Motion picture films 1,000 ft.	2,118	1,883	1,422	2,239	56	46	124	194
Other					605	428	1,387	3,762
Domestic exports to the United States, total[8]					**18,075**	**12,125**	**26,504**	36,029
Coconuts, desiccated 1,000 lb.	455	379	7,048	5,563	16	9	1,129	1,400
Tea, black do.	12,093	12,742	45,347	20,922	3,493	3,302	18,079	11,911
Cinnamon quills do.	385	619	3,236	1,718	57	76	1,268	735
Rubber, crude do.	73,635	54,372	13,491	107,351	13,535	8,096	4,260	20,466
Citronella oil do.	755	812	312	491	249	219	503	498
Coir fiber do.	7,274	3,393	8,828	2,600	85	29	346	74
Graphite do.	15,736	6,640	9,162	8,400	317	109	587	500
Other					323	285	332	475

[1] Excluding bullion and specie.
[2] Including value of postal articles distributed under appropriate commodities.
[3] Excluding value of postal articles not distributed under appropriate commodities amounting in 1946 to $20,000 and in 1947 to $103,000.
[4] Less than one-half the unit.
[5] Including footwear.
[6] Including other chests, shooks, and fittings.
[7] Excluding drugs, dyes, paints, and fertilizers.
[8] Excluding value of postal articles, bullion, and specie.

FINANCE

Government Receipts and Expenditures, Years Ended March 31 (Thousands of Rupees)

Item	1937-38 actual	1947-48 revised estimates	1948-49 estimates
Receipts:			
Import duties	56,222	179,600	178,500
Export duties		132,800	132,500
Income tax	17,607	55,000	65,000
Excess profits and miscellaneous taxes		38,900	48,700
Postal and telecommunication	5,081	15,300	15,300
Other	33,718	97,400	94,800
Total receipts	113,348	519,000	534,800
Expenditures	115,337	440,736	530,300

Public debt.—(September 30, 1946) Rs. 437,596,033 (excluding war loans of Rs. 105,926,-920 loaned to the United Kingdom Government), consisting of sterling debt of £9,408,775 (Rs. 125,450,333) and local rupee debt of Rs. 312,145,700; (September 30, 1938) Rs. 194,-191,333, consisting of sterling debt of £12,243,775 (Rs. 163,250,333) and total rupee debt of Rs. 30,941,000.

Assets and Liabilities of All Banks, Years Ended December 31 (Millions of Rupees)

Item	1939	1940	1941	1942	1943	1944	1945	1946
Total deposits	163	213	228	325	373	487	601	606
Total cash reserve:								
Ceylon currency	9	11	12	18	18	22	113	113
Balances in local banks	6	9	15	41	35	42	75	63
Advances in Ceylon	29	28	36	15	17	18	21	49
Bills discounted	2	3	1	1	8	4	6	19
Investments:								
Local	10	45	42	51	80	123	153	177
Other	2	2	2	2	36	54	38	20

Currency and exchange.—Monetary unit is the Ceylon rupee of 100 cents. The Ceylon rupee is linked to the rupee of India, and exchange quotations on Ceylon differ only slightly from those on India.

Annual Average Exchange Rates of the Rupee (Cents per Rupee)

NOTE.—Based on the selling rate of exchange in Colombo for U. S. dollars.

Year	Rate	Year	Rate	Year	Rate	Year	Rate	Year	Rate
1938	36.50	1940	30.03	1942	30.12	1944	30.16	1946	30.16
1939	32.89	1941	30.21	1943	30.16	1945	30.19	1947	30.17

Currency in Active Circulation, December 31 (Millions of Rupees)

Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount
1939	44.4	1941	71.4	1943	184.2	1945	314.5	1947	224.8
1940	53.4	1942	151.2	1944	268.4	1946	257.7	1948[1]	216.3

[1] June 30.

PRINCIPAL SOURCES

Ceylon Year Book.
Ceylon Trade Journal (monthly).
Ceylon Customs Returns.

CHINA

(See general explanatory note, p. vi)

AREA AND POPULATION

Neither a land survey nor a census has ever been attempted by China in accordance with methods utilized by Western nations; estimates have, therefore, varied to an extraordinary degree. The following table contains the latest estimates of area and population, based on an analysis of the most reliable figures available.

Area and Population of Provinces and Tibet

Province	Capital	Area[1] (square miles)	Population[2]
China (including Tibet)		**3,789,282**	**461,006,285**
Anhwei	Hwai-ning (Anking)	56,488	21,705,256
Antung[3]	An-tung	24,046	3,163,911
Chahar	Wan-ch'uan (Kalgan)	109,527	2,114,288
Chekiang	Hang-chow (Hangchow)	39,632	19,942,112
Fukien	Min-hou (Foochow)	46,376	11,100,680
Heilungkiang[3]	Pei-an-chen	99,522	2,563,234
Hokiang[3]	Chia-mu-ssu	52,280	1,936,000
Honan	K'ai-feng	63,761	28,473,035
Hopeh (Hopei)	Ch'ing-yuan (Paoting)	54,446	31,810,533
Hsingan[3]	Hu-lun (Hailar)	107,504	327,563
Hunan	Ch'ang-sha	79,062	26,171,117
Hupeh	Wu-ch'ang	71,955	21,784,415
Jehol	Ch'eng-te (Jehol)	69,491	6,109,866
Kansu	Lan-chou (Kaolan)	151,160	6,897,781
Kiangsi	Nan-ch'ang	63,806	12,725,187
Kiangsu	Nan-ching (Nanking)	42,345	40,943,178
Kirin[3]	Ch'ang-ch'un (Hsinking)	28,060	6,981,277
Kwangsi	Kuei-lin	84,526	14,603,247
Kwangtung	Kuang-chou (Canton)	84,465	29,101,941
Kweichow	Kuei-yang (Kweichu)	65,713	10,518,765
Liaoning[3]	Shen-yang (Mukden)	26,372	11,711,697
Liaopeh (Liaopei)[3]	Ssu-p'ing-kai	46,959	3,798,056
Ningsia (Ninghsia)	Ning-shuo (Ningsia)	90,085	773,325
Nunkiang[3]	Lung-chiang (Tsitsihan)	25,882	2,407,438
Shansi	Yang-ch'u (Taiyuan)	60,393	15,025,259
Shantung	Chi-nan (Tsinan)	56,945	39,424,799
Shensi	Ch'ang-an (Sian)	72,548	10,015,672
Sikang (Sikiang)	K'ang-ting (Tatsienlu)	174,332	1,651,132
Sinkiang	Ti-hua (Urumchi)	660,977	4,012,330
Suiyuan	Kuei-sui	127,180	2,166,513
Sungkiang[3]	Pin-chiang (Harbin)	32,959	5,295,092
Szechwan (Szechuen)	Ch'eng-tu	117,227	48,107,821
Taiwan (Formosa)	T'ai-pei (Taihoku)	13,885	6,126,006
Tsinghai (Chinghai)	Hsi-ning (Sining)	257,620	1,346,320
Yunnan	K'un-ming (Yunnanfu)	162,342	9,171,449
		3,319,869	460,006,285
Tibet (Special Territory) Lhasa (La-sa)		469,413	1,000,000

[1] China, Ministry of Interior, ed., *Administrative Areas in China, Tables* 11th ed. Commercial Press, Shanghai 1947.

[2] Figures published by Census Bureau of the Ministry of the Interior, China, in *China's Economic Stabilization and Reconstruction*, by D. K. Lieu, Rutgers University Press, New Brunswick, 1948.

[3] Referred to as a Northeast Province. (The Northeast Provinces were formerly known as Manchuria).

NOTE.—Official names of provinces and cities are listed first, with popular or ancient names in parentheses.

Area and Population of Principal Cities [1]

City	Province	Area (square miles)	Population
Ch'ing-tao (Tsingtao)	Shantung	289	752,800
Ch'ung.ch'ing (Chungking)	Szechwan	116	1,000,101
Ha-erh-pin (Harbin)	Sungkiang	310	760,000
Han-k'ou (Hankow)	Hupeh	52	749,952
Hsi-an (Sian)	Shensi	80	523,182
Kuang-chou (Canton)	Kwangtung	98	1,276,429
Nan-ching (Nanking)**	Kiangsu	180	1,037,656
Pei-p'ing (Peking)	Hopeh	273	1,602,234
Shang-hai (Shanghai)	Kiangsu	345	3,853,511
Shen-yang (Mukden)	Liaoning		1,175,620
Ta-lien (Dairen)	Liaoning		543,690
T'ien-ching (Tienstin)	Hopeh	21	1,679,210

[1] The principal cities, as listed above, are referred to administratively as "Special Municipalities" and are directly responsible to the Central Government. Special municipalities comprise: (1) the National Capital**; (2) cities with a population of more than 1,000,000: and (3) cities possessing special political, economic, and cultural importance. Provincial totals in the preceding table include the areas and populations of special municipalities located therein.

Education.—Statistics on enrollment in educational institutions for 1944 released by the Chinese Ministry of Information: 258,664 primary schools, including adult education schools, with an enrollment of 17,801,655 students; 3,455 secondary schools, including normal and vocational schools, with an enrollment of 1,103,067; and, 143 schools of higher education, including universities, colleges, and polytechnical schools, with an enrollment of 69,959 students.

Literacy.—No authentic statistics available; estimated at beginning of Republic in 1912, 15 percent of population literate; now commonly stated that about 25 to 30 percent are literate (including individuals who acquire knowledge and make use of 500 characters as a minimum).

AGRICULTURE AND FORESTRY

NOTE.—Agricultural statistics, in the main, like population and area figures, should be treated as estimates only.

Population 75–80 percent agricultural (estimated 64,500,000 farm families, with an average of 5.2 persons per family). Arable land totals about 711,000,000 acres, of which approximately 271,000,000 under cultivation. Farms average 4 acres in extent. Multiple-system farming is practiced, bringing 2 or 3 crops per year. About half of the farmers own all the land they cultivate; more than one-fourth own part of the land and rent additional land; nearly one-fourth are tenant farmers.

Before the war, China was the world's leading producer of rice, soybeans, tea, kaoliang, sweet potatoes, millet, and vegetable oils; second in raw silk and wheat; third in cotton; an important producer of corn, tobacco, fruit, and vegetables; and the leading exporter of eggs and tung oil. The cane sugar industry has been fostered in Taiwan and by Kwangtung and Kwangsi Provinces in South China.

Production of Principal Crops

[In 1,000 shih piculs of 110.231 pounds each, unless otherwise specified]

Crops	1931-37, average	1938-45, average	1946	1947	1948
Cereals:					
Rice	911, 918	837, 437	861, 268	873, 709	873, 974
Rice, glutinous	89, 370	63, 252	58, 867	56, 434	56, 502
Kaoliang	140, 319	108, 604	127, 632	111, 625	122, 040
Millet	132, 971	109, 163	123, 113	114, 956	123, 141
Proso-millet	31, 606	27, 909	30, 616	26, 642	31, 256
Corn	129, 948	124, 817	139, 007	134, 473	132, 164
Wheat	434, 858	396, 498	454, 721	472, 939	526, 666
Barley	157, 427	140, 274	140, 294	151, 478	154, 213
Oats	17, 612	14, 055	14, 063	14, 059	16, 085
Buckwheat	22, 296	(1)	23, 642	22, 861	(1)
Legumes:					
Soybeans	121, 855	105. 744	107, 017	109, 582	114, 752
Field peas	63, 805	55, 541	55, 954	59, 138	62, 262
Broad beans	60, 360	59, 579	58, 764	61, 554	66, 847
Mung beans	29, 374	(1)	19, 248	18, 242	(1)
Black beans	25, 483	(1)	21, 752	19, 963	(1)
Potatoes:					
Sweet potatoes	370, 504	428, 370	481, 728	448, 549	480, 631
Irish potatoes	38, 140	(1)	43, 018	39, 527	(1)
Oil crops:					
Peanuts	54, 788	53, 375	55, 146	52, 922	57, 342
Sesame	17, 016	15, 328	17, 331	15, 514	17, 956
Rapeseed	49, 460	54, 820	60, 004	69, 562	74, 088
Others:					
Cotton (lint)	[2] 809, 257	[2] 718, 007	[2 3] 419, 204	[2 3] 465, 154	[2 3] 536, 355
Tobacco	12, 994	12, 375	12, 898	13, 175	(1)

[1] Not available.
[2] Metric tons.
[3] Estimates made by the Agricultural Attache, American Embassy, Nanking.

Forests and afforestation.—China is barren of forests for the most part. Wooded areas are found in the mountainous regions closer to the north and western border. The Chinling mountains in the northwest, the Nanshan mountains running through the southern sections of Kiangsi and Hunan Provinces, and the western region of Fukien Province provide the only important timber resources of the country. The urban and industrial centers in the seacoast Provinces depend on foreign sources of supply for lumber. Throughout the south, bamboo is most extensively grown, its uses being almost unlimited; tallow trees are culti-

vated in both the central and western regions, and lacquer trees in western Hupeh, Szechwan, Kweichow, and Chekiang. Camphor trees have been practically lost for commercial purposes in consequence of overcutting in recent years.

MINING

Immediately prior to the war China accounted for 50 percent of world production of antimony, and 40 percent of world production of tungsten. Other minerals produced include tin, manganese, coal, crude oil, iron ore, copper, lead, zinc, fluorite, mercury, galena, sphalerite, pyrite gold, silver, hematite, arsenic, bismuth, gypsum, alum, sulfur, and asbestos.

Mineral Production

Item	1937	1938	1946[1]	1947[1]	1948[1]
Antimony (regulus) .... metric tons	12,742	9,824	426	1,588	3,251
Tin .... do	13,424	15,440	1,960	3,970	1,632
Tungsten .... do	13,991	14,113	2,638	6,402	9,327
Coal .... 1,000 metric tons	36,913	31,943	14,860	19,487	11,220
Zinc .... metric tons	12,805	6,973	3	345	(2)
Mercury .... do	60	72	50	----------	(2)
Manganese .... do	79,187	2,458	9,600	20,000	(2)
Copper .... do	379	359	947	1,070	472
Iron ore .... do	3,216,389	3,189,500	15,310	100,000	[3] 226,058
Lead .... do	9,920	5,505	----------	771	190
Petroleum (crude) .... gallons	----------	----------	21,546,000	16,612,142	[3] 22,398,595

[1] Statistics for 1946, 1947, and 1948 are derived from reports of the American Embassy, Nanking.
[2] Not available.
[3] January-November, inclusive.

MANUFACTURING

NOTE.—Industrial production in China during 1947 was seriously affected by the progress of the civil war and by the resultant disruption of transportation facilities. Manufacturing centers were isolated from each other and from their sources of raw materials. Coal production was hard hit, and power was insufficient to meet demand, except in Taiwan. Currency inflation, by raising domestic prices in comparison with world prices, made certain commodities unsalable in export markets, and also curtailed local demand for consumers' goods through reduced purchasing power. The following paragraphs provide the information available on production capacity, together with indications of the extent to which capacity could be utilized in 1947.

Cotton textiles, 1947.—Total installed spindles, estimated: 4,500,000. Operable spindles: About 3,800,000 (over half of which in Shanghai area). Cotton utilized in yarn production (bales of 400 pounds): 1,875,000 (1,100,000 in 1946). Piece goods production (million yards): 1,650 (1,330 in 1946).

Iron and steel.—Production was extremely limited in 1947 and the country continued to rely heavily on imports. In Shanghai monthly production amounted to a few hundred tons of pig iron and less than 1,000 tons of ingot steel, compared with monthly requirements of 1,500 tons and 6,000 tons, respectively. Plate cuttings, etc., were widely used, in a re-heat, re-roll process, to make up the deficiency. Production at the Anshan Steel Works in Manchuria (China's largest) was reported as severely curtailed, and distribution of its products almost impossible.

Sulfuric acid.—Factories: More than 30; maximum total capacity (estimated), 200,000 tons annually. Some were not in operation in 1947. Actual production of one of the largest, in Kiangsu, was about 2,000 tons in 1947.

Caustic soda and soda ash.—Total production of caustic soda in 1947 approximated 7,700 tons, in 7 plants. One of the largest of these, the Yung Li plant at Tangku, produces 36,000 tons of soda ash in addition to 2,400 tons of caustic soda.

Vegetable oil mills.—The largest is at Shanghai and there are at least 10 other large mills with a total daily capacity, if raw materials were fully available, of 15,000,000 kilograms of bean oil and 60,000,000 kilograms of other vegetable oils.

Paper mills.—Total number, 26 (of which 18 in Shanghai); maximum capacity, 10,000 tons monthly. Operations in 1947 were at less than half of capacity. Because of an insufficient supply of pulp, rags and waste paper were used as raw materials.

Cement plants.—Total number in China, 18; maximum daily capacity, 14,178 tons; production in 1947, about one-third of capacity.

Other industries, 1947 (Shanghai area only).—Rubber products: 72 factories, the largest of which (Tang Chung Hwa) produces rubber tires. Leather: 265 tanneries, with an actual monthly production of 300,000 pounds of sole leather. Celluloid: 63 factories. Cigarettes: 73 factories, with production of 850,000 cases in 1946; number in operation dropped to 55 in May 1947, owing to high cost of production in relation to imported brands. Paint and varnish: 32 factories producing paint, varnish, rust-resisting paint, wall paint, enamel, etc. Cosmetics: 24 major factories, all of which were operating in July 1947. Soap: 41 factories, with operations at half of capacity owing to raw material shortages. Glassware: Total daily capacity of plants, 95½ tons, of which 40 tons for the largest plant. Matches: 24 factories; total capacity, 19,000 cases a month; 1947 production, 13,000 cases a month.

TRANSPORTATION AND COMMUNICATION

Transportation (end of 1947).—Length of railway lines, 18,757 miles. Highways: About 81,000 miles (of which only about 44,000 were usable). Merchant marine (ocean): Number of ships, 3,317; tonnage, 951,826. Aviation: Two Chinese companies, utilizing 83 planes and serving 32 cities.

Entrances and Clearances, Combined, of Vessels in Both Foreign and Coastwise Trade, by Ports

Item	1937	1938	1946	1947
Number of vessels	191,399	109,103	75,126	64,779
Capacity (1,000 net registered tons):				
All ports	90,038	58,815	29,199	20,033
Chief ports:				
Shanghai	22,310	15,900	12,162	10,315
Hankow	6,540	1,565	2,013	----------
Canton	6,582	3,614	1,522	1,862
Tientsin	4,390	5,571	1,486	394
Amoy	3,836	2,535	773	1,004
Swatow	4,925	3,622	885	1,120

Entrances of Vessels in Foreign and Coastwise Trade Combined, by Major Countries of Flag

Item	1936	1937	1938	1946
Number of vessels	114,423	96,049	54,738	38,051
Net registered tons (thousands):				
Total	72,745	45,080	29,502	14,740
Country of flag:				
China[1]	22,224	12,817	3,429	8,126
United States	1,894	1,030	214	2,785
United Kingdom	28,674	18,070	14,246	2,277
Germany	1,309	1,052	1,322	----------
Japan	12,470	6,417	4,381	242
Norway	2,342	2,111	1,795	472

[1] Including junks.

Communications.—Postal service, unoccupied portion of China, 1944: Total establishments, 25,795 (11,942 major offices, 7,354 rural box offices, 5,535 rural stations, and 964 stamp-selling agencies). Number of telephones, all of China, January 1, 1947: In Government systems, 78,827, in private systems 150,000; number in leading cities—Shanghai, 94,317, Peiping, 24,130, Tientsin, 17,557; telephone lines, 1947, 103,736 pair-kilometers; number of cities having telephone service, 18; number of long-distance stations, 72. Telegraphs, 1947: Lines, 104,003 pair-kilometers; number of messages—10,000,000 domestic and 13,000,000 international.

FOREIGN TRADE

Per capita trade.—1947: Imports, $1.40; exports, $0.50.

Basis of trade statistics.—Trade statistics relate only to trade under control of the Chinese Maritime Customs. Imports are recorded only upon completion of all customs formalities and release, and therefore not on immediate arrival in the country or upon entry into bond.

Bonded merchandise is not recorded until withdrawal for import. Exports are not recorded until goods have been shipped. The trade of the British colony of Hong Kong is not included, but the overland trade between Hong Kong and China is included. The trade of Manchuria is not included. Trade by parcel post is included.

Imports are classified as to declared country of origin; exports are credited to the country of declared destination.

Import valuations listed in trade statistics by Chinese Maritime Customs prior to August 18, 1947, are c. i. f. values exclusive of import duty, figured at the rate of foreign exchange prevailing on the day of delivery of import declaration forms to the customs. Because of the high degree of inflation, these valuations, in 1946, and 1947 are considerably lower than the actual wholesale market prices. Commencing August 18, 1947, Chinese "official" open-market exchange rates were used for valuation purposes. Export valuations are the f. o. b. values exclusive of export duty.

As used in Chinese trade statistics, "gross imports" are total imports excluding only those goods destined for bonding; i.e., including goods to be reexported and withdrawals from bond. "Net imports" are gross imports less reexports. "Gross exports" are total domestic exports including Chinese goods reimported. "Net exports" are gross exports less reimports.

The trade values in the following tables for the years 1934 through 1942 have been converted from Chinese currency to United States dollars at annual average rates of exchange; for 1946 and 1947, because of the rapid acceleration of inflation, values have been converted on a monthly basis at average rates of exchange for the respective months.

Value of Imports and Exports

Year	Merchandise						Gold and silver	
	Gross imports[1]	Reexports[1]	Net imports[1]	Gross exports	Reimports	Net exports	Imports	Exports
	Thousand gold units			Thousand standard dollars			Thousand standard dollars	
1934	528,820	4,734	524,086	535,733	519	535,214	10,842	319,138
1935	504,391	2,992	501,399	576,298	489	575,809	11,552	109,628
1936	417,837	1,319	416,518	706,791	1,050	705,741	7,180	297,422
1937	420,607	1,255	419,352	838,770	514	838,256	4,506	461,261
1938	388,739	3,165	385,574	763,731	1,090	762,641	15,624	81,871
1939	542,595	3,739	538,856	1,030,359	3,112	1,027,247	2	5,449
1940	755,214	6,362	748,852	1,976,071	5,951	1,970,121	-----	44,220
1941	894,038	7,314	886,724	2,911,643	10,303	2,901,340	7	3,243
1942	242,178	1,666	240,512	1,499,686	2,046	1,497,640	-----	1
	Million Chinese National dollars							
1946	1,908,460	8,063	1,900,397	412,392	280	412,112	28,136	-----
1947	14,393,974	16,127	14,377,847	6,377,307	803	6,376,504	166,494	38,493
	Thousand United States dollars							
1934	351,501	3,147	348,355	181,008	175	180,833	3,663	107,827
1935	341,195	2,024	339,171	208,868	177	208,690	4,176	39,733
1936	280,573	886	279,688	210,002	312	209,690	2,133	88,378
1937	279,935	835	279,100	245,802	151	245,651	1,321	135,177
1938	263,938	2,149	261,789	160,468	229	160,239	4,612	17,302
1939	406,984	2,805	404,179	116,194	351	115,843	(2)	614
1940	511,469	4,309	507,160	119,414	360	119,054	-----	2,672
1941	605,487	4,954	600,534	154,317	546	153,771	(2)	172
1942	164,015	1,128	162,887	74,984	102	74,882	-----	(2)
1946	719,473	1,967	716,165	148,981	102	148,879	11,489	-----
1947	643,600	468	642,399	230,583	49	230,534	13,648	3,153

[1] In 1946 and 1947 includes UNRRA supplies.
[2] Less than $500

Trade With Principal Countries (Thousands of United States Dollars)

Country	Imports[1]				Domestic exports[1]			
	1937	1938	1946	1947	1937	1938	1946	1947
Total	**279,935**	**263,938**	**[2] 560,580**	**[2] 480,157**	**245,802**	**160,468**	**148,879**	**230,534**
United States	55,294	44,819	315,673	250,921	67,955	18,358	59,800	47,690
Australia	4,775	8,236	6,921	9,170	1,583	819	459	1,192
Belgium and Luxembourg	9,647	5,488	5,097	10,762	1,698	535	1,737	2,836
Brazil	678	781	29,998	9,241	29	5	236	213
Burma	2,414	3,826	600	6,582	1,320	979	283	1,042
Canada	5,002	2,327	9,423	20,012	2,078	772	873	1,136
France	4,429	5,463	960	3,756	9,566	4,287	2,443	5,770
French Indochina	8,799	8,141	3,109	2,787	3,759	3,323	435	757
Germany	42,861	33,530	1,867	114	21,239	11,859	----------	51
Hong Kong	5,590	7,266	25,966	9,917	47,739	51,140	42,514	90,690
India	3,653	4,717	49,978	28,130	3,455	4,143	7,357	8,543
Iran	12	134	6,561	15,831	1	(3)	366	365
Italy	2,899	5,224	1,716	3,422	2,004	266	278	5,556
Japan	43,992	61,433	2,194	7,090	24,706	24,488	4,328	5,729
Mexico	34	3	17,371	348	46	31	47	92
Netherlands	1,773	1,373	382	1,758	4,179	1,717	460	3,562
Indonesia	23,617	13,491	1,839	1,850	1,825	1,400	40	789
Norway	1,550	1,060	4,782	4,777	358	86	299	368
Malaya	3,030	2,157	10,577	16,563	5,630	3,687	3,281	5,325
Sweden	1,969	1,171	6,497	2,840	777	124	971	2,266
Switzerland	2,859	2,633	9,576	7,636	67	31	699	389
U. S. S. R.	206	1,649	3,133	1,922	1,418	117	7,139	3,713
United Kingdom	32,698	20,937	23,714	37,260	23,555	11,928	6,209	18,494
Philippines	1,137	1,040	2,947	827	2,035	1,408	2,039	5,000
Thailand	4,639	7,467	2,251	5,264	1,205	1,265	949	3,471
Other countries	16,378	19,572	17,450	21,377	17,575	17,700	5,637	15,495
Percent of total[1]:								
United States	19.8	17.0	56.3	52.3	27.6	11.4	40.2	20.7
Australia	1.7	3.1	1.2	1.9	.6	.5	.3	.5
Belgium and Luxembourg	3.4	2.1	.9	2.2	.7	.3	1.2	1.2
Brazil	.2	.3	5.4	1.9	(4)	(4)	.2	.1
Canada	1.8	.9	1.7	4.2	.9	.5	.6	.5
France	1.6	2.1	.2	.8	3.9	2.7	1.6	2.5
French Indochina	3.1	3.1	.6	.6	1.5	2.1	.3	.3
Germany	15.3	12.6	.3	(4)	8.6	7.4	----------	(4)
Hong Kong	2.0	2.8	4.6	2.1	19.4	31.9	28.6	39.3
India	1.3	1.8	8.9	5.9	1.4	2.6	4.9	3.7
Japan	15.7	22.5	.4	1.5	10.1	15.3	2.9	2.4
Indonesia	8.4	5.1	.3	.4	.7	.9	(4)	.3
Malaya	1.1	.8	1.9	3.4	2.3	2.3	2.2	2.3
United Kingdom	11.7	7.9	4.2	7.8	9.6	7.4	4.2	8.0

[1] Gross figures, 1937 and 1938; net figures, 1946 and 1947.

[2] Not including UNRRA imports in 1946 and 1947, for which country of origin is not indicated. For total values of UNRRA imports see foot of table "Imports of Principal Commodities."

[3] Less than $500.

[4] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Net imports[1], total, excluding bullion and coin	--------	--------	--------	--------	**279,100**	**261,789**	**[1]560,580**	**[1]480,157**
Milk, condensed and evaporated; milk foods 1,000 lb	8,455	6,265	13,793	11,661	834	726	5,944	3,375
Fish and other sea products do	173,967	120,323	21,600	32,955	3,875	2,913	4,214	2,770
Rice and paddy do	762,186	895,339	42,404	253,170	11,970	16,867	3,243	11,786
Flour, wheat 1,000 cwt	670	5,617	1,205	2,163	1,813	15,659	7,300	13,069
Other cereals and flour, including starch 1,000 lb	230,192	565,722	32,396	27,143	3,383	6,130	2,290	814
Fruits	--------	--------	--------	--------	1,245	921	5,776	466
Sugars, including molasses 1,000 lb	407,720	250,381	2,966	27,579	6,450	5,807	748	2,307
Foodstuffs, canned or packaged, except milk 1,000 lb	--------	--------	27,824	2,555	390	808	2,279	641
Vegetable drugs and spices 1,000 lb	--------	--------	11,891	6,392	2,116	2,011	3,146	1,516
Tobacco, leaf do	37,219	41,981	27,132	41,475	5,682	5,805	11,366	16,880
Cigarettes millions	110	341	2,018	1,140	251	488	5,929	1,154
Tobacco, other 1,000 lb	13,630	11,411	16,078	11,119	459	381	1,306	698
Cotton, raw do	33,771	36,578	620,312	267,276	4,679	3,715	146,244	70,659
Wool, carded, combed and waste 1,000 lb	16,110	1,101	8,935	14,361	6,332	666	5,415	10,253
Wool, yarn and cord do	1,178	1,046	482	1,059	1,074	753	1,019	1,973
Cotton piece goods	--------	--------	--------	--------	4,383	6,961	19,720	1,350
Woolen piece goods 1,000 lb	2,238	3,739	4,288	4,433	2,156	3,602	13,214	11,268
Cotton clothing do	--------	--------	2,500	268	192	254	1,392	271
Woolen clothing, including hats 1,000 lb	--------	--------	3,552	700	145	213	3,153	1,008
Woolen blankets and lap-rugs 1,000 lb	120	185	1,076	1,683	35	87	933	1,166
Gunny bags, new do	9,569	6,501	27,720	38,080	464	333	3,560	5,968
Flax, ramie, hemp and jute manufactures, except gunny bags	--------	--------	--------	--------	5,539	3,998	2,265	3,021
Artificial silk floss and yarn do	8,404	7,391	214	1,026	2,044	2,037	238	1,220
Rough hewn and round logs, softwood 1,000 cu. ft	7,838	7,444	3,046	7,664	1,764	2,221	1,469	3,845
Sawn softwood 1,000 bd. ft	74,522	70,786	56,930	54,975	1,829	2,355	4,576	3,588
Other timber, wood, bamboo, rattan, coir, straw, cork and manufactures thereof	--------	--------	--------	--------	3,917	3,629	3,978	3,400
Railway ties thousands	1,301	524	366	1,963	1,337	298	735	5,002
Wood pulp 1,000 lb	35,096	7,049	16,639	18,328	770	193	886	1,208
Common printing paper, including newsprint 1,000 lb	243,106	86,268	116,927	113,771	5,993	2,909	9,787	9,314
Drawing, document, bank-note and bond paper 1,000 lb	--------	2,010	8,228	6,756	477	143	11,331	1,641
Cigarette paper do	--------	7,362	9,348	7,183	737	1,262	5,665	3,643
Parchment, transparent and greaseproof papers 1,000 lb	--------	5,208	4,293	4,745	528	548	1,707	2,780
Kraft paper do	23,273	7,572	18,389	5,180	878	382	1,736	679
Printing paper, free of mechanical wood pulp 1,000 lb	21,370	18,317	20,863	16,314	945	1,085	3,075	2,299
Other paper do	--------	97,577	44,820	34,380	4,273	4,214	5,985	5,498
Rubber, crude, old and waste, and gutta-percha 1,000 lb	28,655	19,805	45,919	85,443	2,706	1,352	7,641	10,971
Rubber boots and shoes (including soles and heels) 1,000 pr	2,676	4,096	1,998	2,404	168	304	747	902
Pneumatic tires and tubes for motor vehicles thousands	161	106	165	369	1,166	1,053	3,311	5,929
Other rubber manufactures	--------	--------	--------	--------	1,022	535	1,048	665
Coal 1,000 long tons	420	1,075	72	212	1,459	6,043	1,801	2,719
Gasoline, naphtha and benzine 1,000 bbl	1,304	760	2,238	3,413	8,100	6,093	11,086	21,347
Crude and fuel oils 1,000 long tons	255	163	325	1,188	4,387	3,176	8,920	21,656
Kerosene 1,000 bbl	2,818	1,589	1,842	2,502	13,994	8,855	17,614	13,875
Lubricating oil do	298	166	400	400	2,556	2,321	6,666	5,009
Paraffin 1,000 lb	75,466	73,627	11,418	12,594	2,408	2,789	1,167	1,662
Gums and resins, including shellac 1,000 lb	6,824	4,887	7,499	5,170	473	253	1,373	758
Essential oils and essences, natural and artificial 1,000 lb	--------	--------	466	498	653	317	1,350	1,228
Coconut oil do	1,300	10,759	4,833	9,985	65	422	1,246	1,027
Other oils, fats, and greases (except vegetable) 1,000 lb	--------	--------	52,765	17,611	1,433	971	3,142	1,665

See footnote at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Iron and steel:								
Bars, billets, blooms, ingots, pigs, etc. ....long tons..	147, 885	40, 049	28, 960	38, 311	5, 035	2, 359	2, 547	3, 169
Tin plate and terneplate do....	46, 828	26, 317	5, 988	7, 929	5, 149	3, 367	1, 185	1, 565
Other sheets and plates do....	83, 289	28, 403	33, 450	23, 816	4, 874	2, 268	4, 222	3, 222
Structural steel..........do....	38, 431	11, 407	15, 133	24, 275	1, 946	834	2, 047	3, 335
Rails and fittings........do....	89, 888	9, 640	10, 493	38, 257	3, 991	641	479	3, 398
Pipes, tubes and fittings do....	20, 974	10, 319	5, 472	4, 096	1, 247	1, 037	844	935
Wire and wire rope......do....	32, 862	18, 086	9, 557	11, 100	1, 868	1, 554	1, 840	2, 268
Nails and nail rods......do....	44, 253	8, 597	5, 031	5, 984	1, 449	564	777	1, 032
Steel, spring, tool and alloy long tons..	7, 410	2, 097	718	3, 967	1, 002	362	373	1, 430
Iron and steel, other.....do....	119, 176	40, 664	37, 412	52, 339	5, 218	2, 667	3, 634	5, 341
Aluminum, including foil..do....	1, 972	2, 391	4, 233	5, 674	875	1, 376	2, 090	3, 029
Copper ingots and slabs.....do....	3, 835	574	3, 291	2, 097	1, 063	172	1, 009	803
Copper wire, bare..........do....	2, 523	1, 051	936	1, 768	775	385	317	850
Copper, other, including brass and yellow metal.....long tons..	6, 660	2, 762	7, 358	5, 546	1, 907	810	1, 517	1, 958
Lead.................long tons..	3, 420	1, 835	1, 278	1, 397	425	193	270	357
Zinc...................do....	9, 991	2, 131	6, 174	5, 054	1, 139	279	2, 136	1, 961
Electric motors and parts..........	--------	--------	--------	--------	561	767	339	613
Other electrical equipment and parts..................	--------	--------	--------	--------	808	960	429	1, 010
Sewing, knitting and embroidering machinery and parts........	--------	--------	--------	--------	387	89	415	632
Textile machinery and parts.......	--------	--------	--------	--------	6, 140	7, 285	3, 245	11, 156
Printing, bookbinding and paper-making machinery and parts...	--------	--------	--------	--------	394	327	550	1, 309
Engines of all types (including turbo-generator sets) and parts.	--------	--------	--------	--------	1, 339	952	2, 858	6, 211
Hand tools, including files........	--------	--------	--------	--------	800	658	642	1, 126
Machine tools............1,000 lb..	--------	--------	2, 205	3, 599	768	498	756	1, 462
Other machinery and parts..do....	--------	--------	18, 161	41, 529	7, 830	5, 033	5, 808	10, 197
Aircraft and accessories (excluding military).................	--------	--------	--------	--------	407	134	636	1, 819
Locomotives and tenders number..	--------	--------	39	97	1, 834	102	171	2, 455
Railway and tramway cars, passenger and freight.....number..	--------	--------	--------	74	826	509	--------	908
Miscellaneous railway and tramway materials..........1,000 lb..	--------	--------	1, 020	5, 200	1, 424	866	90	354
Motor tractors, trailers and trucks (including chassis).....number..	4, 391	4, 813	9, 801	5, 295	3, 421	4, 629	20, 946	5, 105
Motorcars and busses (including chassis)................number..	1, 775	1, 350	2, 036	5, 234	1, 166	1, 133	3, 200	4, 878
Automotive parts and accessories (excluding tires and tubes) 1,000 lb..	--------	--------	12, 233	2, 233	1, 034	1, 493	5, 874	1, 446
Bicycles, parts and accessories (excluding tires and tubes)........	--------	--------	--------	--------	1, 720	624	544	1, 721
Other vehicles, parts and accessories (excluding tires and tubes).	--------	--------	--------	--------	136	225	1, 051	1, 139
Electric wire, insulated, and cables 1,000 lb..	--------	--------	7, 668	4, 361	1, 671	1, 793	1, 210	1, 633
Electric bulbs, lamps, batteries, fittings and other electrical materials....................	--------	--------	--------	--------	1, 190	1, 371	2, 204	4, 046
Radio sets and parts................	--------	--------	--------	--------	1, 044	356	2, 828	2, 493
Telephone and telegraph instruments and parts........1,000 lb..	--------	--------	258	726	737	477	447	1, 627
Other electrical appliances and equipment.....................	--------	--------	--------	--------	728	390	1, 249	1, 856
Scientific instruments, parts and accessories...........1,000 lb..	--------	--------	3, 438	1, 177	1, 718	727	2, 232	2, 149
Other miscellaneous metal manufactures....................	--------	--------	--------	--------	4, 375	2, 735	7, 701	5, 332
Acids..................1,000 lb..	16, 823	6, 447	16, 035	9, 211	695	334	1, 830	1, 583
Ammonium sulfate.....long tons..	160, 852	104, 727	3, 923	28, 794	5, 746	5, 561	713	3, 417
Industrial explosives.....1,000 lb..	--------	--------	280	3, 775	315	211	77	670
Other fertilizers, chemical or artificial..................1,000 lb..	28, 352	16, 207	74	17, 817	315	195	6	583
Caustic soda...........do......	50, 054	36, 595	24, 969	24, 207	728	791	2, 060	4, 066
Other chemicals.........do......	--------	--------	165, 544	113, 980	6, 871	5, 891	15, 286	11, 676

See footnote at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Other drugs and medicines 1,000 lb			13,667	3,186	3,222	3,813	14,724	6,200
Indigo, artificial do	12,995	9,065	6,498	5,230	3,001	2,849	3,603	2,729
Aniline dyes and other coal-tar dyes 1,000 lb			4,473	8,208	3,940	3,123	7,371	10,048
Paints and varnishes do			4,617	4,437	457	301	1,026	987
Sulfur black do	11,054	8,462	4,996	8,021	805	1,037	2,036	6,030
Other paint materials and polishes 1,000 lb			9,647	8,169	560	377	2,424	1,635
Tans and tanning materials do			21,768	8,486	700	726	2,023	632
Other pigments, dyes and ink 1,000 lb			11,928	12,222	1,389	735	3,113	3,103
Hides and leather do			10,153	3,282	581	598	5,774	2,152
Leather boots and shoes pairs	40,121	37,755	253,951	68,985	42	39	1,384	107
Window glass, all kinds, including plate 1,000 sq. ft			5,565	19,823	715	533	663	2,048
Cement barrels	149,020	367,394	269,240	82,759	159	517	2,463	248
Photographic and projection goods 1,000 lb			872	774	1,864	1,654	1,558	1,237
Other merchandise					36,363	43,724	23,008	16,866
Imported goods reexported[1]					835	2,149	1,967	468
Gold					1,146	4,612	11,479	
Silver					835	2,149	1,967	
UNRRA supplies, net							155,585	162,262
Reexports of UNRRA supplies							1,340	735

[1] Not including UNRRA supplies.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Net exports, total, excluding bullion and coin	----------	----------	----------	----------	**245, 651**	**160, 239**	**148, 879**	**230, 534**
Cattle, living.............number..	22, 325	1, 644	4, 002	26, 005	284	30	278	1, 338
Swine, living.................do....	305, 402	407, 532	73, 833	476, 557	1, 424	1, 854	1, 416	9, 582
Poultry, living.......thousands..	3, 525	4, 454	815	4, 257	649	601	382	2, 162
Eggs, fresh.............1,000 doz..	32, 130	19, 560	1, 212	11, 656	2, 238	1, 316	354	2, 415
Eggs, not in shell, moist and frozen...................1,000 lb..	94, 553	71, 334	----------	7, 752	6, 604	4, 740	----------	2, 292
Eggs, other, egg yolk and albumen...................1,000 lb..	45, 978	33, 189	627	2, 345	6, 635	4, 298	297	610
Intestines, pig, sheep and goat 1,000 lb..	6, 063	3, 880	949	2, 013	3, 549	1, 634	1, 054	1, 630
Meats, fresh, frozen, preserved, etc...................1,000 lb..	----------	----------	508	1, 037	1, 192	481	239	464
Other live animals and miscellaneous animal products............	----------	----------	----------	----------	2, 871	2, 379	788	531
Bristles...............1,000 lb..	8, 917	8, 011	10, 493	9, 778	8, 182	5, 896	23, 869	21, 424
Feathers.....................do....	11, 486	8, 166	5, 850	5, 831	2, 692	1, 422	2, 549	1, 323
Goat furs, undressed..thousands..	9, 155	2, 628	53	1, 463	3, 341	502	30	1, 082
Kid furs, dressed or undressed thousands..	666	412	1, 711	1, 232	415	142	2, 261	880
Kolinski furs, dressed or undressed...............number..	3, 460	1, 298	367, 810	310, 277	2	1	752	624
Lamb furs, dressed or undressed thousands..	1, 823	582	1, 095	608	2, 197	300	1, 180	523
Weasel furs, dressed or undressed thousands..	1, 440	844	2, 967	853	1, 183	396	3, 160	1, 035
Furs, partly manufactured number..	2, 441	10, 746	136, 903	167, 686	8	14	434	461
Cattle and buffalo hides and leather, simply tanned..........	----------	----------	----------	----------	3, 777	1, 050	173	365
Fur mats and rugs......................	----------	----------	----------	----------	2, 787	847	279	(1)
Other hides, leather, furs and articles made of fur..................	----------	----------	----------	----------	2, 052	832	846	329
Fish, fresh, including frozen 1,000 lb..	8, 636	7, 220	1, 763	14, 064	274	133	171	1, 067
Other fishery and sea products 1,000 lb..	----------	----------	2, 617	2, 168	531	448	552	411
Cereals and cereal products..do....	320, 761	107, 304	21, 148	12, 721	2, 663	694	650	260
Beans and peas.............do....	155, 097	57, 135	16, 498	191, 370	1, 895	659	1, 127	11, 269
Cottonseed cake and meal..do....	166, 617	48, 195	1, 131	29, 042	1, 278	219	35	825
Rapeseed cake and meal...do....	7, 849	4, 314	1, 792	13, 777	54	20	54	324
Other seed and oil cake and meal 1,000 lb..	53, 651	15, 404	2, 649	11, 198	451	87	88	304
Vegetable dyestuffs, including nutgalls.............. 1,000 lb.	11, 602	5, 801	2, 694	5, 493	532	200	247	724
Fruits and nuts, fresh, dried and preserved..........................	----------	----------	----------	----------	3, 241	2, 175	2, 617	2, 643
Vegetable drugs and spices	----------	----------	----------	----------	3, 472	2, 404	6, 599	3, 059
Vegetable oils:								
Soy bean............1,000 lb..	465	321	----------	2, 659	22	10	----------	525
Peanut.....................do....	91, 439	53, 465	2, 354	5, 026	5, 079	1, 794	444	991
Tea.........................do....	28, 448	13, 577	88	33, 819	1, 787	483	18	8, 034
Tung (wood)..............do....	227, 027	153, 391	77, 743	177, 553	26, 329	8, 244	22, 253	40, 740
Other vegetable oils.....do....	58, 618	5, 077	190	8, 409	3, 140	209	61	2, 536
Essential oils....................do....	1, 028	998	653	1, 216	438	397	622	696
Peanuts..........................do....	152, 954	128, 403	3, 300	22, 824	3, 556	2, 009	403	3, 303
Sesame seed (including seed pulp) 1,000 lb..	157, 481	18, 155	242	8, 310	4, 248	320	26	1, 253
Other seed and oilseeds......do....	261, 557	139, 384	2, 777	7, 221	2, 711	1, 768	691	1, 026
Sugar of all kinds.............do....	58	911	[2] 1, 026	[2] 18, 885	2	21	[2] 188	[2] 3, 091
Tea.................................do....	89, 633	91, 766	15, 211	36, 251	9, 022	6, 945	4, 828	8, 121
Tobacco, leaf...................do....	33, 729	33, 205	2, 047	1, 155	2, 434	1, 936	1, 081	635
Vermicelli and macaroni...do....	25, 287	15, 075	2, 045	4, 205	1, 097	599	858	979
Other vegetables and vegetable products..............................	----------	----------	----------	----------	4, 555	2, 889	4, 018	4, 166
Cotton, raw.............1,000 lb..	84, 187	301, 065	32	1	9, 173	21, 222	8	(1)
Cotton, fly and waste.......do....	56, 142	40, 905	16, 137	18, 219	1, 833	1, 001	1, 305	1, 159
Silk, raw.........................do....	9, 187	7, 020	1, 881	1, 151	13, 441	7, 060	13, 320	5, 806
Silk, waste......................do....	10, 609	5, 559	1, 650	2, 543	2, 141	861	690	821
Wool, raw, sheep's............do. ..	27, 360	8, 390	1, 036	3, 507	5, 693	1, 482	239	603
Hair and wool, goat's.......do....	6, 205	3, 652	1, 125	1, 656	1, 204	651	268	593
Ramie..............................do....	29, 321	24. 673	279	343	1, 487	948	81	64

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Other textile fibers, animal and vegetable .... 1,000 lb..	25,067	19,239	249	1,685	2,606	1,470	79	350
Cotton yarn .... do....	8,358	29,048	313	7,681	1,420	4,808	312	8,336
Other yarn and thread, including cotton .... 1,000 lb..	--------	--------	384	945	615	432	825	1,287
Textile piece goods:								
Cotton, including blankets, counterpanes and towels 1,000 lb..	12,630	20,707	1,738	21,440	2,619	3,276	2,344	21,103
Silk, including pongee..do....	2,247	1,796	174	333	3,268	1,783	1,775	2,172
Artificial silk and silk mixtures 1,000 lb..	272	405	294	771	422	431	2,472	4,610
Wool carpets and rugs .... do....	3,673	2,722	916	1,317	2,376	1,314	1,048	1,060
Embroideries, drawn-thread work and laces .... 1,000 lb..	--------	--------	848	640	11,942	7,781	5,000	2,009
Clothing, except fiber hats	--------	--------	--------	--------	484	867	2,323	1,364
Other cotton, silk, and fiber products .... 1,000 lb..	--------	--------	2,089	4,482	1,468	846	728	816
Coal, including ships' bunkers 1,000 long tons..	1,806	2,045	50	16	3,966	3,030	487	144
Wolframite (tungsten ore) 1,000 lb..	36,415	27,244	10,875	13,467	11,944	10,609	2,183	4,342
Antimony regulus .... do....	27,602	15,835	10,434	18,794	2,931	1,189	1,044	3,019
Tin, ingots and slabs .... do....	28,830	25,996	3,439	9,072	11,639	7,561	1,850	2,303
Iron and steel and manufactures thereof .... 1,000 lb..	--------	--------	6,066	3,105	302	1,060	1,389	1,366
Other metals and manufactures ..	--------	--------	--------	--------	2,025	1,696	826	781
Firewood .... do....	357,391	360,236	137,884	261,321	387	309	934	1,143
Timber, wood and manufactures.	--------	--------	--------	--------	1,036	621	1,223	1,071
Paper and paper manufactures..	--------	--------	--------	--------	2,051	1,630	1,973	1,608
Chinaware and pottery..1,000 lb..	36,021	80,430	13,269	26,148	577	530	844	902
Salt .... million lb..	955	1,318	547	390	890	764	3,345	4,650
Chemicals, including medicinal chemicals .... 1,000 lb..	--------	--------	5,209	5,506	998	752	1,403	1,251
Straw braids .... do....	2,439	2,120	816	682	541	413	802	401
Hats, fiber, straw and rush thousands..	8,136	8,004	2,480	3,934	1,922	2,070	1,124	1,481
Hair nets (human hair) ....do....	104,467	86,034	47,875	74,701	366	287	1,970	1,448
Other merchandise	--------	--------	--------	--------	10,991	8,087	6,693	6,169
Reimports	--------	--------	--------	--------	151	229	102	49
Gold	--------	--------	--------	--------	18,221	324	--------	3,155
Silver	--------	--------	--------	--------	116,952	16,878	--------	

[1] Less than $500.
[2] Includes exports of sugar from Taiwan (Formosa), which was previously a part of the Japanese Empire.

Principal Imports[1] from the United States

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of United States dollars) 1937	Value 1938	Value 1946	Value 1947
Imports from the United States, total,[1] excluding bullion and coin	---	---	---	---	**55,294**	**44.819**	**[2] 315,673**	**[2] 250,921**
Milk, condensed and evaporated; milk foods ... 1,000 lb	543	745	11,887	8,795	99	103	5,459	2,768
Flour, wheat ... barrels	80,485	197,867	446,357	244,520	441	1,097	5,172	2,882
Other cereals and flour, including starch ... 1,000 lb	1,328	1,672	39,062	48,620	81	68	420	148
Fruits	---	---	---	---	337	325	3,818	405
Sugar, including molasses ... 1,000 lb	---	---	931	2,476	201	106	394	654
Coffee ... do	---	---	2,194	181	43	59	719	55
Foodstuffs, canned or packaged, except milk ... 1,000 lb	---	---	26,101	1,978	167	175	2,081	463
Other groceries and animal foodstuffs ... 1,000 lb	---	---	6,395	1,835	150	138	1,637	477
Seeds and vegetables ... do	574	446	1,875	233	22	25	434	34
Vegetable drugs and spices ... 1,000 lb	---	---	705	1,620	104	111	606	202
Tobacco, leaf ... do	33,508	39,852	26,223	40,434	5,398	5,589	11,165	16,664
Cigarettes ... millions	20	22	1,991	1,091	53	73	5,830	1,041
Tobacco, other ... 1,000 lb	---	---	15,999	11,113	297	270	1,200	694
Cotton, raw ... do	5,449	5,083	237,945	135,653	809	572	57,060	35,891
Wool, carded, combed and waste ... 1,000 lb	20	---	594	847	8	---	512	703
Wool yarn and cord ... do	---	---	77	502	---	---	226	1,011
Cotton piece goods	---	---	---	---	36	36	10,650	762
Woolen piece goods ... 1,000 lb	1	3	3,405	2,679	2	2	10,748	7,510
Cotton clothing ... do	---	---	2,358	189	30	20	1,263	191
Other cotton manufactures ... do	---	---	1,476	1,262	37	36	832	371
Woolen clothing, including hats ... 1,000 lb	---	---	3,225	614	14	10	2,817	810
Woolen blankets and lap rugs ... 1,000 lb	---	1	882	626	(3)	(3)	702	470
Other woolen manufactures ... do	---	---	202	145	4	1	381	280
Flax, ramie, hemp, jute, and manufactures ... 1,000 lb	---	---	2,627	531	8	16	478	167
Rough hewn and round logs ... 1,000 cu. ft	2,615	3,360	326	640	717	1,154	260	429
Sawn softwood ... 1,000 bd. ft	39,671	35,942	43,150	47,553	1,019	1,132	3,538	3,046
Railway ties ... thousands	713	475	74	1,413	576	268	160	4,145
Other timber and wood	---	---	---	---	130	144	174	167
Wood pulp ... 1,000 lb	9,192	1,295	4,532	7,089	172	29	260	474
Common printing paper (including newsprint) ... 1,000 lb	1,341	814	8,838	6,131	33	23	776	499
Drawing, document, bank-note and bond paper ... 1,000 lb	---	477	4,104	5,245	331	39	893	1,319
Cigarette paper ... do	---	81	9,020	5,884	16	21	5,405	3,128
Parchment, transparent and greaseproof papers ... 1,000 lb	---	13	2,349	1,625	16	2	929	669
Tissue paper ... do	6	6	2,604	3,096	1	1	509	558
Printing paper (free of mechanical wood pulp) ... 1,000 lb	6,960	4,582	5,828	2,988	312	277	1,008	404
Other paper ... do	---	4,933	8,679	6,699	158	195	1,067	811
Books, newspapers, periodicals, maps and other products of graphic arts ... 1,000 lb	---	---	10,846	15,456	697	539	685	1,126
Paperware and all other articles made of paper ... 1,000 lb	---	---	2,076	2,884	612	104	625	658
Rubber, crude, old and waste, and gutta-percha ... 1,000 lb	10,838	10,754	18,483	32,574	136	210	2,608	1,311
Rubber boots and shoes (including soles and heels) ... 1,000 pr	126	66	974	401	13	7	262	70
Pneumatic tires and tubes for motor vehicles ... thousands	50	46	139	312	411	528	2,498	4,493
Other rubber manufactures	---	---	---	---	85	49	605	4,524
Coal ... long tons	---	20	33,222	63,908	---	(3)	816	1,357
Asphalt ... do	6,522	1,650	12,113	15,230	149	48	643	587
Gasoline, naphtha and benzine ... 1,000 bbl	438	414	1,290	1,813	3,101	3,541	14,702	12,998
Crude and fuel oil ... tons	65,841	52,154	107,533	232,091	1,100	1,115	4,013	6,061
Kerosene ... 1,000 bbl	929	685	766	1,115	4,738	4,400	9,019	7,600
Lubricating oil ... do	231	119	395	390	1,946	1,770	5,719	4,745
Paraffin ... 1,000 lb	6,877	7,383	10,364	11,390	211	297	981	1,493
Other waxes ... do	---	---	1,893	3,592	4	2	318	451

See footnotes at end of table.

Principal Imports[1] from the United States—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Gums and resins, including shellac 1,000 lb			2,772	4,026	255	129	369	502
Essential oils and essences, natural and artificial 1,000 lb			344	331	55	25	712	669
Other oils, fats, and greases (except vegetable) 1,000 lb			48,843	14,456	283	200	2,394	1,233
Iron and steel:								
Bars, billets, blooms, ingots, pigs, etc. long tons	12,326	7,789	23,621	22,991	531	345	2,038	1,088
Tinplate and terneplate do	25,878	17,801	2,833	5,268	2,744	2,216	584	974
Other sheets and plates long tons	19,592	9,950	19,009	9,344	1,137	728	2,155	940
Structural steel do	10,403	1,454	11,640	20,235	746	98	1,531	2,813
Rails and fittings do	9,571	6	10,449	35,566	290	1	474	3,076
Pipes, tubes and fittings do	237	102	4,113	2,347	40	19	544	593
Wire and wire rope do	2,809	2,643	6,556	5,216	120	151	1,253	1,037
Nails and nail rods do	324	700	2,671	1,223	21	45	294	141
Steel: spring, tool and alloy long tons	748	324	575	3,135	89	35	264	1,075
Iron and steel, other do	29,966	10,473	21,420	25,184	1,157	558	2,324	3,019
Aluminum, including foil do	84	14	2,105	2,852	56	14	1,327	1,910
Copper ingots and slabs do	3,773	517	3,122	2,088	1,038	160	948	802
Copper wire, bare do	783	523	374	685	275	185	114	390
Copper, other (excluding electrical wire and cable) long tons	136	95	540	379	45	43	139	266
Brass and yellow metal do			783	1,496	19	24	323	531
Lead do	196	41	213	374	18	4	46	87
Zinc do	543	147	3,171	1,242	79	22	802	388
Electric motors and parts					35	20	97	246
Other heavy electric equipment and parts					84	129	347	776
Sewing, knitting and embroidering machinery and parts					133	35	347	423
Textile machinery and parts					215	159	604	5,776
Printing, bookbinding and paper-making machinery and parts					147	33	502	1,084
Engines of all types (including turbo-generator sets) and parts					162	126	1,790	4,000
Hand tools including files					267	96	697	907
Machine shop tools, portable 1,000 lb			380	493	179	60	309	492
Machine tools do			1,959	3,065	127	95	656	1,162
Other machinery and parts do			10,891	32,777	1,345	641	3,952	7,342
Aircraft and accessories, excluding military 1,000 lb			412	921	381	32	621	1,763
Locomotives and tenders number				46	41	6		1,449
Railway and tramway cars, passenger and freight number				76	4	1		909
Miscellaneous railway and tramway materials 1,000 lb			936	2,307	292	43	71	243
Motor tractors, trailers and trucks including chassis number	3,520	4,007	9,746	5,268	2,094	3,603	20,717	5,030
Motor cars and busses, including chassis number	1,441	1,078	1,585	4,373	938	880	2,740	3,838
Automotive parts and accessories, excluding tires and tubes 1,000 lb			12,206	2,000	875	875	5,858	1,347
Bicycles, parts and accessories, excluding tires and tubes					1	2	137	344
Other vehicles, parts and accessories, excluding tires and tubes					195	90	474	808
Ships and boats and materials, excluding metals and timber					11	13	812	347
Electric light bulbs thousands			127	3,843	9	6	24	456
Electric batteries and dry cells					168	205	1,267	1,242
Insulated electric wire and cable 1,000 lb			5,360	1,718	126	96	343	683
Electrical fittings and other electrical materials 1,000 lb			946	1,332	161	71	451	873
Electric lamps and lampware 1,000 lb			114	615	63	12	147	796
Telephone and telegraph instruments and parts 1,000 lb			139	352	33	41	292	714
Radio sets and parts					577	299	2,456	2,257

See footnotes at end of table.

Principal Imports[1] from the United States—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946[1]	1947	1937[1]	1938	1946[1]	1947
Other electric appliances, including meters	----	----	----	----	312	120	929	1, 533
Watches and clocks and parts	----	----	----	----	13	21	592	206
Scientific instruments, parts and accessories ... 1,000 lb	----	----	1, 490	1, 101	364	120	1, 625	1, 840
Other miscellaneous metal manufactures	----	----	----	----	1, 711	369	3, 996	2, 576
Acids ... 1,000 lb	2, 009	663	15, 509	7, 653	202	84	1, 627	1, 218
Ammonium sulfate ... tons	539	70	240	9, 257	17	4	65	727
Chloride of lime (bleaching powder) ... 1,000 lb	----	2	16, 111	6, 066	(3)	(3)	1, 410	905
Industrial explosives ... do	----	----	7	1, 993	----	4	47	318
Potassium chlorate ... do	----	11	4, 292	3, 722	----	1	673	608
Soda ash ... do	9	6, 308	8, 395	801	(3)	85	387	59
Caustic soda ... do	15, 715	7, 989	10, 039	10, 940	271	147	851	2, 170
Other chemicals ... do	----	----	30, 229	16, 006	688	1, 305	8, 077	5, 721
Other drugs and medicines ... do	----	----	11, 688	2, 370	426	389	11, 944	4, 150
Indigo, artificial ... do	4, 031	2, 674	5, 659	4, 006	763	580	2, 050	1, 380
Aniline dyes and other coal-tar dyes ... 1,000 lb	----	----	3, 138	4, 819	428	209	3, 125	5, 883
Paint and varnishes ... do	----	----	3, 564	2, 737	115	44	824	624
Sulfur black ... do	462	95	4, 269	4, 726	46	11	1, 439	2, 232
Zinc white ... do	14	23	4, 899	4, 050	1	2	639	580
Other paint materials and polishes ... 1,000 lb	----	----	2, 747	1, 599	67	28	1, 174	546
Tans and tanning materials ... do	----	----	9, 750	1, 330	1	(3)	1, 185	136
Printing inks ... do	1, 447	31	2, 980	2, 566	191	52	874	1, 117
Other pigments, dyes and ink ... 1,000 lb	----	----	5, 188	3, 570	259	115	1, 186	906
Hides and leather ... do	111	173	6, 970	1, 130	118	120	4, 149	1, 286
Leather boots and shoes ... pairs	3, 178	2, 062	227, 712	60, 681	5	2	398	89
Skins (furs) ... 1,000 lb	----	----	870	844	92	75	1, 480	617
Window glass, all kinds, including plate ... 1,000 sq. ft	----	----	953	2, 735	2	1	110	399
Cement ... barrels	74	82	163, 757	33, 159	(3)	1	2, 600	34
Pencils and miscellaneous office supplies ... 1,000 lb	----	----	444	166	165	70	1, 674	370
Toilet preparations and equipment, excluding soap ... 1,000 lb	----	----	1, 777	284	104	74	2, 196	191
Photographic and projection goods ... 1,000 lb	----	----	805	688	1, 095	789	1, 540	1, 386
Asbestos and manufactures ... do	161	50	855	706	55	26	266	255
Miscellaneous building materials ... 1,000 lb	----	----	15, 654	8, 363	99	41	655	517
Other glass and glassware ... do	----	----	3, 140	1, 727	32	26	575	300
Tile, brick, pottery and other articles of earth and stone ... 1,000 lb	----	----	8, 278	4, 777	88	44	390	267
Celluloid and manufactures ... do	----	----	376	632	(3)	(3)	140	250
Trunks, suit-cases, etc ... do	----	----	129	19	6	5	359	36
Gold bullion	----	----	----	----	----	----	(3)	----
Silver	----	----	----	----	----	----	----	----

[1] Totals and commodity detail are gross in 1937 and 1938; net in 1947. Commodity figures for 1946 are gross; total, net (Data not available for converting the 1946 total on a monthly basis to obtain a gross value in United States dollars.)

[2] Not including UNRRA imports, for which country of origin is not indicated.

[3] Less than $500.

Principal Exports[1] to the United States

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Exports to the United States, total[1], excluding gold and silver	--------	--------	--------	--------	**67,955**	**18,358**	**59,800**	**47,690**
Eggs, egg yolk and albumen ---- 1,000 lb	10,383	976	29	50	2,010	263	25	21
Intestines, pig, sheep and goat ---- do	1,356	542	340	540	996	366	280	445
Human hair ---- do	2,323	1,342	58	66	368	210	99	26
Hair nets (human hair) ---- thousands	18,887	28,681	45,012	56,430	73	105	1,816	1,092
Bristles ---- 1,000 lb	3,130	2,484	7,903	5,689	3,947	2,498	17,917	14,333
Feathers ---- do	1,579	459	4,041	1,939	482	102	2,140	760
Horse hair ---- do	168	36	130	619	41	9	102	593
Goat furs, undressed ---- thousands	7,016	176	51	1,365	2,585	44	30	1,038
Kid furs, dressed or undressed ---- do	651	404	1,699	1,215	411	140	2,240	809
Kolinski furs, dressed or undressed ---- number	3,460	1,298	367,810	310,277	2	1	752	624
Lamb furs, dressed or undressed ---- thousands	1,781	553	1,094	608	2,126	290	1,179	523
Weasel furs, dressed or undressed ---- do	1,434	621	2,965	853	1,177	300	3,156	1,035
Furs, partly manufactured ---- number	17	--------	136,427	147,397	(2)	--------	465	423
Hides, leather, other furs and articles made of fur	--------	--------	--------	--------	4,082	1,011	1,118	305
Other animal products, including meat	--------	--------	--------	--------	121	32	347	153
Vegetables and other vegetable products	--------	--------	--------	--------	1,812	387	246	254
Tea oil ---- 1,000 lb	21,093	841	88	1,714	1,408	35	18	439
Tung oil ---- do	141,343	12,538	35,892	54,755	17,148	754	10,358	12,339
Other vegetable oils ---- do	61,677	14,237	169	70	3,548	509	52	15
Essential oils ---- do	25	9	13	110	2	(2)	16	117
Tea ---- do	7,269	4,775	1,172	4,598	842	400	459	1,055
Cotton, raw ---- do	20,924	19,629	--------	--------	2,190	1,399	(2)	(2)
Cotton, fly and waste ---- do	11,910	--------	14,010	14,828	335	--------	1,100	903
Silk, raw ---- do	2,552	1,158	775	321	4,568	1,458	6,484	1,831
Wool, raw, sheep's ---- do	19,473	973	1,032	3,327	3,929	108	236	575
Goat's hair and wool ---- do	716	54	1,002	1,074	106	16	239	303
Other textile fibers ---- do	3,498	1,447	123	318	693	268	43	103
Silk piece goods, including pongee ---- do	30	6	44	14	56	10	416	93
Wool carpets and rugs ---- do	1,383	1,138	878	1,217	1,035	592	950	890
Embroideries, drawn-thread work and laces ---- do	--------	--------	629	213	7,211	4,758	3,704	773
Other cotton, silk and fiber products	--------	--------	--------	--------	151	69	305	104
Wolframite (tungsten ore) ---- 1,000 lb	5,248	165	--------	3,485	1,596	61	--------	1,949
Antimony regulus ---- do	1,605	--------	--------	3,461	159	--------	--------	781
Other metals and manufactures thereof ---- 1,000 lb	--------	--------	127	356	406	141	249	269
China and pottery ---- do	930	510	242	239	138	59	299	137
Chemicals, including medicinal chemicals	--------	--------	--------	--------	6	47	252	557
Straw braids ---- 1,000 lb	149	683	774	460	49	147	738	276
Hats, fiber, straw and rush ---- thousands	4,474	4,695	2,008	2,393	889	1,100	839	1,059
Jewelry (excluding goldware and silverware) ---- pounds	--------	--------	3,605	3,957	28	35	433	108
Silver bullion and coin	--------	--------	--------	--------	--------	--------	--------	1,941

[1] Totals and commodity detail are gross in 1937 and 1938; net in 1947. Commodity figures for 1946 are gross; total, net. (Data not available for converting the 1946 total on a monthly basis to obtain a gross value in United States dollars.)

[2] Less than $500.

FINANCE

Budget.—The extreme fluctuations resulting from China's hyperinflation are revealed in the budget. As announced early in 1947, total expenditures for the year were estimated at CN$9.3 trillion, of which CN$7.03 trillion, or over 75 percent, was expected to be provided from revenue, leaving a deficit of CN$2.27 trillion. The impact of inflation upon the economy is shown by actual figures of receipts and expenditures. According to the Ministry of Finance, total Government receipts in 1947 amounted to CN$13 trillion, an increase of about 85 percent over the budgetary estimate, while total expenditures were approximately CN$42 trillion, over 450 percent of the original estimate. The actual deficit for the year was therefore about CN$29 trillion, or nearly 13 times that originally estimated.

In comparison, total expenditures in 1946 were CN$5,567.2 billion, which is about one-seventh of actual expenditures in 1947. Total receipts amounted to CN$2,004.2 billion, which is approximately one-sixth of the 1947 figure. Thus, the total deficit was about CN$3,563 billion, or about one-eighth that of 1947.

Actually, however, the comparison given above is not a valid one, particularly if the increase in commodity prices is considered. In the Shanghai area alone, the indices of wholesale prices of basic commodities increased fifteenfold during 1947, according to figures published by the Economic Research Department of the Central Bank of China. Thus, in terms of commodity values, the Government spent less in 1947 than in 1946, but, on the same basis, it also received less in taxes and other revenues. Furthermore, if the yuan were converted into foreign exchange at the prevailing open-market rates for the 2 years, there would not be anything like the increase recorded in 1947 over the preceding year.

Capitalization of Government, Local, and Private Banks [1]

[As of June 1945]

Banks	Total capital	Paid-up capital
Government banks	CN$ 280,000,000	CN$ 280,000,000
Provincial banks	147,500,000	138,794,035
Hsien banks	220,752,000	159,582,232
Commercial banks	1,091,061,000	996,011,000
Native banks	628,891,000	549,562,000
Total	CN$2,368,204,000	CN$2,123,949,267

[1] Data do not include banks or their branches which failed to report to the Ministry of Finance on account of communication difficulties.

Currency and exchange.—The monetary unit of the Republic of China in 1947 was the yuan or Chinese National dollar (official symbol CN$) of 100 fen or cents. The yuan has had no fixed par value in terms of gold since the Chinese Government, on November 3, 1935, departed from a silver standard in favor of a managed paper currency. Only notes issued by the four Government banks were allowed to circulate. These are known as "fapi" or legal tender currency. In 1935 they circulated at an official rate of CN$3.33 to US$1.

Since 1935, however, the exchange rate has been subject to many changes and has depreciated severely in terms of foreign currencies. In July 1939, in addition to the official rate of exchange a "bulletin" or trading rate was introduced for the use of merchants. This latter rate was quoted at CN$7.35 to the United States dollar at the end of 1939 and at CN$14.88 at the end of 1940. In January 1944, the Government established a special rate for certain oversea remittances. This rate was CN$40 to US$1 at the end of 1944 and CN$500 to US$1 at the end of 1945. To adjust the exchange rate in line with actual market conditions, the Government announced an official rate of CN$2,020 to US$1, effective on March 4, 1946. On November 17, 1946, however, the official rate was revised upward to 3,350 to 1. The "spread" between official and black-market rates steadily widened, so that on February 17, 1947, the yuan was further devalued to 12,000 to 1. Again, in August 1947, the Government announced an "official" open-market rate which was made applicable to most commodity transactions—the official rate being limited to importers of cotton, wheat, flour, rice, coal, and coke.

The most important change in 1948 was the introduction of a new gold yuan (official symbol GY) on August 19, 1948. The gold content of the new currency was fixed at 0.22217 grams of fine gold, equivalent to US$0.25. Old fapi was to be converted at the rate of CN$3,000,000 to GY1, while the conversion rate for Northeast (Manchuria) circulation notes was fixed at 300,000 to 1. The new currency was to be convertible to foreign exchange at the following rates: United States dollar = GY 4.00; Pound sterling = GY12.00; Hong Kong dollar = GY0.75; Indian rupee = GY0.90.

At the time the new currency was introduced, the exchange surrender certificate system, which had been in effect since May 31, 1948, was abolished. Under this system, exporters sold exchange at the "official" open-market rate, and received, in addition to the yuan, a negotiable exchange certificate for the amount of exchange sold. Importers, on the other hand, were required to surrender these certificates to the banks in order to obtain necessary foreign exchange. It was announced that these certificates would be converted to the new gold yuan at the rate of CN$474,000 to GY1.

The various stages of depreciation of the yuan are shown in the following table giving the official and free-market rates of exchange from 1936 through 1947, and "official" open-market rates from August 1947 (in yuan per United States dollar):

Year and month	Official rate	Free-market rate	"Official" open-market rate
1936	3.33	----------	----------
1937	3.33	----------	----------
1938	3.33	----------	----------
1939	3.33	12.96	----------
1940	3.33	18.08	----------
1941	3.33	[1] 19.05	----------
1942	20.00	----------	----------
1943	20.00	[2] 85.00	----------
1944	20.00	[2] 545	----------
1945	20.00	[2] 1,350	----------
1946:			
July	2,020	2,490	----------
August	3,350	3,335	----------
September	3,350	4,020	----------
October	3,350	4,300	----------
November	3,350	4,850	----------
December	3,350	6,450	----------
1947:			
January	3,350	[3] 7,233	----------
February	12,000	----------	----------
March	12,000	----------	----------
April	12,000	22,000	----------
May	12,000	34,000	----------
June	12,000	49,000	----------
July	12,000	43,000	----------
August	12,000	45,000	[4] 38,500
September	12,000	63,000	50,100
October	12,000	86,000	55,700
November	12,000	170,000	74,000
December	12,000	145,000	90,000

[1] July, 1941.
[2] Chungking. December averages.
[3] Last free-market quotations; all quotations thereafter are black-market rates.
[4] August 18.

PRINCIPAL SOURCES

China Handbook, 1937–45, published by Chinese Ministry of Information.
Chinese Maritime Customs Returns.

NOTE.—Regular recurring published sources of information are not currently available. Sources for data in some of the principal tables are indicated in footnotes.

INDIA

(See general explanatory note, p. vi)

The following statistical data refer to India as it was prior to August 15, 1947, on which date India was divided between the Dominions of India and Pakistan. Basic information on these countries subsequent to the partition is contained in two reports of the United States Commerce Department's International Reference Service series: Vol. V, No. 1, India—Summary of Current Economic Information; and Vol. V, No. 40, Pakistan—Summary of Current Economic Information.

AREA AND POPULATION

Area, 1,581,410 square miles (British Provinces and administered areas, including Andamans and Nicobars, 865,446; Indian States and agencies, 715,964). Population, 1941 census, 388,997,955 (British Provinces and administered areas, including the Andamans and Nicobars, 295,808,722; Indian States and agencies, 93,189,233); 1947 midyear estimate, total India, 405,000,000.

Principal cities, 1941 census: Calcutta, including Howrah, 2,488,183; Bombay, 1,489,883; Madras, 777,481; Hyderabad (Deccan), 739,159; Lahore, 671,659; Ahmedabad, 591,267; Delhi, 521,849; Cawnpore, 487,324; Bangalore, 406,760; Amritsar, 391,010; Lucknow, 387,177; Karachi, 359,492; Nagpur, 301,957; Agra, 284,149; Benares, 263,100; Allahabad, 260,630; Poona, 258,197; Madura, 239,144; Dacca, 213,218; Sholapur, 212,620; Srinagar, 207,787; Indore, 203,695; Bareilly, 192,688; Lashkar, 182,492; Rawalpindi, 181,169; Jubbulpore, 178,339; Jaipur, 175,810; Patna, 175,706; Surat, 171,443; Meerut, 169,290; Trichinopoly, 159,566; Baroda, 153,301; Mysore, 150,540; Jamshedpur, 148,711; Ajmer, 147,258; Multan, 142,768; Moradabad, 142,414; Sialkot, 138,348; Jullundur, 135,283; Kolar

Gold Fields, 133,859; Peshawar, 130,967; Coimbatore, 130,348; Salem, 129,702; Trivandrum, 128,365; Bikaner, 127,226; Hyderabad (Sind), 127,521; Jodhpur, 126,842; Calicut, 126,352; Bhatpara, 117,044; Koil-Aligarh, 112,655; Ludhiana, 111,639; Shahjahanpur, 110,163; Saharanpur, 108,263; Gaya, 105,223; Jhansi, 103,254; Bhavnagar, 102,851.

Rural population, 1941 census, 87.22 percent (339,301,902) of total population.

Occupations, 1931 census (percent of earners): 66.6 engaged in agriculture; 0.6, fishing and hunting; 0.3, mining; 10, industry; 1.5, transport; 5.2, trade; 2.7, public administration and liberal arts; 13.3, miscellaneous occupations.

Education, 1942–43.—Students attending recognized institutions: In 15 universities, 354 arts colleges, and 101 professional colleges, 148,734; in 203,205 schools, 14,760,300. (In 1941–42, attending unrecognized institutions, 552,010.)

Literacy, 1941 census.—The number of persons in India able to read a letter estimated at approximately 47,823,000, which is slightly above 12 percent literacy for the whole population.

Area and Population by Political Divisions

Province and State	Area 1941	Population census 1931	Population census 1941
India	1, 581, 410	338, 119, 154	388, 997, 955
British Provinces and administered areas	865, 446	256, 757, 818	295, 808, 722
British Provinces:			
Assam	54, 951	8, 622, 791	10, 204, 733
Bengal	77, 442	50, 115, 548	60, 306, 525
Bihar	69, 745	32, 367, 909	36, 340, 151
Bombay	76, 443	17, 992, 053	20, 849, 840
Central Provinces and Berar	98, 575	15, 323, 058	16, 813, 584
Madras	126, 166	44, 205, 243	49, 341, 810
North West Frontier Province	14, 263	2, 425, 076	3, 038, 067
Orissa	32, 198	8, 025, 671	8, 728, 544
Punjab	99, 089	23, 580, 864	28, 418, 819
Sind	48, 136	3, 887, 070	4, 535, 008
United Provinces	106, 247	48, 408, 482	55, 020, 617
Administered areas:			
Ajmer-Merwara	2, 400	506, 964	583, 693
Andamans and Nicobars	3, 143	29, 463	33, 768
Baluchistan	54, 456	463, 508	501, 631
Coorg	1, 593	163, 327	168, 726
Delhi	574	636, 246	917, 939
Panth Piploda	25	4, 545	5, 267
Indian States and agencies	715, 964	81, 361, 336	93, 189, 233
Assam	12, 408	625, 606	725, 655
Baluchistan	79, 546	405, 109	356, 204
Baroda	8, 236	2, 448, 283	2, 855, 010
Bengal	9, 408	1, 862, 939	2, 144, 829
Central India	52, 047	6, 643, 761	7, 506, 427
Chhatisgarh	37, 687	3, 548, 338	4, 050, 000
Cochin	1, 493	1, 205, 016	1, 422, 875
Deccan (and Kolhapur)	10, 870	2, 457, 971	2, 785, 428
Gujarat	7, 352	1, 265, 078	1, 458, 702
Gwalior	26, 008	3, 523, 070	4, 006, 159
Hyderabad	82, 313	14, 436, 148	16, 338, 534
Kashmir, including Feudatories	82, 258	3, 646, 243	4, 021, 616
Madras	1, 602	453, 495	498, 754
Mysore	29, 458	6, 557, 302	7, 329, 140
North West Frontier Province	24, 986	2, 259, 288	2, 377, 599
Orissa	18, 151	2, 683, 472	3, 023, 731
Punjab	38, 146	4, 496, 928	5, 503, 554
Punjab Hill	11, 375	989, 833	1, 090, 644
Rajputana	132, 559	11, 570, 583	13, 670, 208
Sikkim	2, 745	109, 808	121, 520
Travancore	7, 662	5, 095, 973	6, 070, 018
United Provinces	1, 760	856, 497	928, 470
Western India	37, 894	4, 220, 595	4, 904, 156

AGRICULTURE

Land distribution (thousands of acres).—British Provinces, 1940–41: Net area sown, 213,963; not available for cultivation, 86,718; uncultivated land other than current fallows, 97,860; current fallows, 45,253; forests, 68,280.

Livestock (thousands).—British Provinces and Indian States, 1946 estimates, with 1944 estimates in parentheses: Cattle and calves, 189,615 (164,621); buffaloes and buffalo calves, 51,003 (49,713); goats and kids, 65,517 (64,493); sheep and lambs, 48,715 (48,559).

Principal Crops: Area and Production

Crop	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 estimate	1946-47 estimate
	Area (thousands of acres)								
Rice	78, 261	78, 115	76, 867	77, 376	79, 052	84, 938	83, 933	79, 885	81, 810
Wheat	36, 402	34, 876	35, 712	34, 888	35, 305	34, 859	35, 980	34, 559	34, 616
Jowar (sorghum)	37, 122	36, 968	36, 981	38, 006	40, 012	39, 425	41, 936	39, 154	38, 069
Bajra (millet)	19, 808	20, 431	21, 593	21, 942	26, 347	24, 222	26, 308	25, 944	24, 290
Maize	8, 155	8, 298	8, 173	8, 059	8, 698	8, 712	8, 716	8, 712	8, 297
Barley	6, 961	6, 883	7, 281	7, 468	7, 823	7, 634	7, 561	7, 658	(1)
Gram (pulses)	12, 990	13, 003	13, 909	13, 651	15, 679	15, 404	16, 566	17, 456	(1)
Sugarcane	3, 130	3, 640	4, 598	3, 515	3, 600	4, 234	4, 154	3, 847	3, 906
Tea[2]	840	840	840	841	842	842	840	841	842
Rape and mustard	5, 535	6, 113	6, 218	6, 204	5, 901	5, 484	5, 580	5, 497	5, 332
Sesamum	4, 331	4, 031	4, 097	4, 145	4, 462	4, 302	4, 018	3, 903	3, 650
Castor seed[3]	1, 198	1, 005	1, 021	(1)	(1)	(1)	1, 468	1, 237	(1)
Groundnuts (peanuts)	8, 267	8, 410	8, 770	6, 924	7, 557	8, 374	10, 574	10, 273	9, 990
Linseed	4, 083	3, 939	3, 845	3, 663	3, 389	3, 518	3, 465	3, 376	3, 342
Cotton	23, 513	21, 602	23, 303	21, 776	17, 670	20, 420	14, 843	14, 478	14, 608
Jute	3, 232	3, 769	4, 771	3, 671	3, 747	2, 640	2, 104	2, 422	1, 880
Coffee	181	184	182	187	192	194	205	215	(1)
Rubber	127	136	140	140	140	146	154	(1)	(1)
	Production (thousands of units—long tons, except as indicated)								
Rice, cleaned	26, 069	27, 467	23, 838	27, 004	26, 594	32, 393	28, 183	26, 249	28, 161
Wheat	10, 267	11, 040	10, 283	10, 317	11, 242	10, 016	10, 551	8, 882	8, 179
Jowar (sorghum)	7, 233	7, 298	7, 866	7, 014	7, 361	7, 446	6, 942	5, 523	(1)
Bajra (millet)	3, 014	2, 898	3, 711	3, 658	4, 732	4, 249	3, 716	3, 374	(1)
Maize	2, 503	2, 870	2, 867	2, 541	2, 977	2, 952	2, 667	2, 518	2, 875
Barley	2, 145	2, 293	2, 589	2, 309	2, 552	2, 374	2, 630	2, 416	2, 380
Gram (pulses)	2, 927	3, 294	3, 355	3, 131	4, 090	3, 371	3, 847	3, 608	3, 744
Sugar	3, 387	4, 661	5, 794	4, 371	5, 076	5, 696	5, 481	5, 387	(1)
Rape and mustard	923	1, 116	1, 103	1, 089	1, 070	955	1, 065	910	892
Sesamum	396	415	433	414	457	455	383	387	324
Castor seed	111	97	105	91	147	140	131	105	(1)
Groundnuts (peanuts) unshelled	3, 275	3, 222	3, 702	2, 586	2, 821	3, 263	3, 857	3, 466	3, 492
Linseed	461	442	466	435	361	395	392	369	350
Cotton ... 400-lb. bales	5, 077	4, 910	5, 780	6, 224	4, 702	5, 904	3, 400	3, 438	3, 515
Jute ... do	6, 820	9, 739	13, 186	5, 474	9, 062	7, 005	6, 203	7, 991	5, 552
Coffee ... pounds	40, 110	34, 822	31, 443	39, 865	34, 128	37, 632	38, 808	56, 614	42, 725
Tea[2] ... do	451, 861	469, 096	474, 081	501, 087	572, 667	554, 830	509, 610	530, 480	593, 290
Rubber	13, 870	14, 014	15, 862	15, 356	15, 964	16, 378	17, 270	16, 146	(1)

[1] Not available.
[2] Calendar years, 1938 through 1946.
[3] 1938-39 through 1940-41, Estimate of Area and Yield, which apply to British India only.

MINING AND MANUFACTURING

Mineral Production

Product	1938	1939	1940	1942	1944	1945	1946	1947[1]
Gold ... troy ounces	321, 137	314, 515	289, 324	260, 302	188, 206	168, 366	131, 775	326, 400
Silver ... do	22, 295	22, 746	23, 298	20, 098	14, 239	14, 154	(2)	24, 000
Bauxite ... long tons	14, 768	8, 977	8, 025	18, 258	12, 135	13, 893	9, 948	8, 000
Chromite ... do	44, 149	49, 136	55, 511	49, 585	39, 555	31, 142	(2)	43, 000
Copper ore ... do	288, 127	360, 216	401, 205	363, 166	326, 017	329, 325	352, 720	339, 000
Graphite ... do	458	936	306	1, 055	928	1, 295	4, 489	460
Iron ore ... do	2, 743, 675	3, 166, 074	3, 103, 356	3, 218, 796	2, 363, 640	2, 264, 116	2, 371, 382	2, 455, 000
Manganese ore ... do	992, 795	844, 633	868, 918	757, 269	370, 980	210, 583	252, 916	781, 000
Mica ... do	6, 159	9, 918	8, 516	8, 534	3, 612	4, 782	10, 502	4, 250
Salt ... do	1, 539, 663	1, 692, 387	1, 849, 550	2, 107, 974	1, 864, 725	2, 195, 909	2, 180, 346	1, 508, 000
Diamonds ... carats	1, 729	1, 604	1, 526	2, 823	1, 837	1, 380	8	1, 650
Sapphires ... do	4, 892	39, 823	21, 504	49, 167	(2)	364, 066	627, 260	475, 300
Clay ... long tons	318, 035	328, 603	365, 468	724, 514	938, 857	526, 654	796, 062	329, 000
Lime ... do	29, 094	(2)	(2)	(2)	40, 518	52, 534	60, 697	34, 000
Coal ... 1, 000 metric tons	28, 798	28, 214	29, 860	29, 906	26, 546	29, 635	30, 186	(2)
Petroleum ... 1, 000 bbl	2, 488	2, 164	2, 302	2, 792	2, 320	2, 343	2, 193	(2)

[1] Preliminary.
[2] Not available.

Industrial Production, Years Ended March 31

Product	1938–39	1942–43	1943–44	1944–45	1945–46	1946–47
Cotton piece goods......million yd..	4, 268	4, 109	4, 870	4, 726	4, 651	3, 863
Jute manufactures......1,000 long tons..	1, 221	1, 247	1, 068	1, 097	973	1, 042
Pig iron......do....	1, 576	1, 804	1, 686	1, 300	1, 406	1, 365
Steel ingots......do....	978	1, 299	1, 366	1, 253	1, 300	1, 199
Finished steel......do....	932	1, 253	1, 353	1, 268	1, 338	1, 160
Sugar......do....	765	1, 088	1, 125	1, 082	945	921
Coal......do....	25, 000	25, 470	22, 483	24, 154	26, 500	26, 200
Tea[1]......million lb..	384	475. 39	452. 33	407. 56	434. 96	----------
Cement......1,000 long tons..	1, 500	2, 183	2, 112	2, 044	1, 965	2, 016
Heavy chemicals......do....	25. 6	40. 7	42. 4	39. 8	42. 1	29. 9
Petrol......1,000 gal..	20, 000	28, 617	29, 257	30, 611	22, 900	21, 300
Kerosene......do....	38, 731	24, 660	16, 919	15, 936	12, 900	13, 400
Paper......long tons..	[2] 60, 000	91, 000	88, 000	100, 000	84, 000	[3] 75, 000
Matches......thousand gross..	21, 064	14, 831	17, 964	17, 095	20, 000	[4] 17, 000
Paints......1,000 long tons..	28. 9	49. 6	57. 5	56. 5	(5)	(5)
Rectified and denatured spirits[6]......1,000 gal..	2, 656	3, 445	3, 801	(5)	(5)	(5)
Electric energy:						
Generated......million kw.-hr..	[7] 2, 189	2, 855	3, 126	3, 426	3, 573	3, 475
Sold......do....	[7] 1, 839	2, 415	2, 649	2, 888	3, 008	2, 895

[1] Calendar years, 1939 through 1946.
[2] Calendar year, 1938.
[3] Estimate based on data for 10 months.
[4] Estimate based on data for 9 months.
[5] Not available.
[6] Quantity issued.
[7] 1939-40.

TRANSPORTATION AND COMMUNICATION

Statistics of Railways, Years Ended March 31

Item	1938	1941	1944	1946	1947
Length of line, total......miles..	41, 076	41, 052	40, 512	40, 518	40, 524
Length of track......do....	55, 910	56, 096	56, 333	----------	57, 328
Locomotives......number..	8, 488	8, 486	8, 345	----------	9, 136
Passenger cars......do....	26, 131	25, 819	25, 917	----------	25, 298
Freight cars......do....	221, 509	227, 204	220, 544	----------	232, 608
Train-miles, total......thousands..	185, 416	194, 238	164, 890	182, 106	189, 911
Freight-train-miles......do....	59, 166	66, 458	69, 644	75, 494	71, 552
Passengers carried......do....	521, 285	575, 723	789, 303	1, 044, 340	1, 138, 950
Passenger-miles......millions..	18, 847	19, 933	32, 483	41, 336	42, 060
Freight carried......1,000 long tons..	87, 289	92, 780	95, 878	100, 630	91, 490
Ton-miles......millions..	22, 777	25, 289	28, 361	29, 166	26, 981
Gross receipts[1]......1,000 rupees..	1, 075, 700	1, 263, 632	1, 987, 949	2, 435, 900	2, 220, 400
Passenger service......do....	365, 375	418, 835	896, 145	1, 185, 765	1, 099, 650
Freight service......do....	688, 860	817, 001	1, 048, 862	1, 185, 796	1, 064, 921

[1] Including miscellaneous receipts not shown separately.

Civil aviation.—As of January 1, 1947, there were 15 air services operating over 14 internal routes, totaling 10,879 miles, by 5 major companies. Statistics for 1946, with 1939 figures in parentheses: Miles flown, 4,521,000 (1,561,000); passengers carried, 105,187 (3,331); passenger-miles, 61,000,000; freight carried, 458 long tons; mail carried, 588 long tons (202.7).

Entrances of Vessels in Foreign Trade, Years Ended March 31

Item	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47
Number of vessels, total......	3, 403	3, 495	3, 026	3, 378	2, 235	2, 418	3, 179	2, 905	2, 290
Tonnage (1,000 net registered tons), total......	9, 431	9, 232	6, 131	5, 251	3, 346	3, 719	6, 226	6, 442	5, 242
British Indian[1], including native craft:									
Number......	594	569	571	978	1, 102	1, 285	1, 499	1, 104	294
Tonnage (1,000 net registered tons)......	326	373	251	202	186	205	237	209	167

[1] Included in above totals.
NOTE.—Data for ports of British India only.

Postal, Telegraph, Telephone, and Radio Statistics, Years Ended March 31

Item	1938	1939	1940	1943	1944	1945	1946
Postal services:							
Number of offices	24, 167	24, 305	24, 741	25, 671	25, 841	25, 861	25, 916
Pieces of mail .... millions	1, 190	1, 241	1, 255	1, 356	1, 575	1, 730	1, 978
Gross receipts .... 1,000 rupees	79, 388	81, 274	83, 182	120, 400	146, 000	162, 408	187, 537
Telegraphs:							
Length of line .... miles	101, 068	101, 780	102, 400	103, 752	106, 965	108, 862	111, 600
Length of wire .... do	618, 605	628, 196	637, 100	....	616, 400	647, 589	696, 147
Messages sent .... thousands	16, 310	16, 315	18, 611	23, 890	27, 900	29, 773	31, 175
Telephones:							
Length of wire and cable..miles	376, 679	414, 632	415, 895	....	447, 000	484, 629	496, 634
Number of instruments	80, 231	83, 302	92, 595	105, 956	116, 000	121, 000	126, 000
Radio licenses	52, 883	72, 282	97, 537	167, 123	180, 660	199, 589	205, 000
Gross receipts of telegraph, telephone, and radio..1,000 rupees	35, 601	35, 486	41, 671	72, 600	105, 700	131, 440	147, 193

FOREIGN TRADE

Per capita trade.—1946-47: Imports, $3.05; exports, $2.90.

Basis of trade statistics.—Trade figures are for trade by sea and air registered at British Indian ports (trade of British India with foreign countries) during fiscal years ending March 31. They exclude trade over land frontiers and imports and exports for "defense purposes." Beginning 1937–38 the statistics include the trade of British India with Burma and exclude the direct trade of Burma with other foreign countries. Imports are c. i. f. values; exports are f. o. b. values.

Foreign trade values for 1934–35 through 1946–47 have been converted from Indian rupees to United States dollars at the following rates: 1934–35, $0.37498; 1935–36, $0.37217; 1936–37, $0.37373; 1937–38, $0.37519; 1938–39, $0.35898; 1939–40, $0.32082; 1940–41, $0.30151; 1941–42, $0.30132; 1942–43, $0.30122; 1943–44, $0.30122; 1944–45, $0.30122; 1945–46, $0.30122; 1946–47, $0.30164.

Value of Overseas Foreign Trade

Year[1]	Millions of rupees					Millions of dollars				
	Merchandise			Bullion, coin and currency notes		Merchandise			Bullion, coin and currency notes	
	General imports[2]	Exports including re-exports[2]	Domestic exports[2]	Imports[2]	Exports[2]	General imports[2]	Exports including re-exports[2]	Domestic exports[2]	Imports[2]	Exports[2]
1934–35[3]	1, 345. 8	1, 555. 0	1, 519. 2	51. 9	635. 0	504. 7	583. 1	569. 7	19. 5	238. 1
1935–36[3]	1, 367. 6	1, 646. 0	1, 607. 4	74. 5	456. 7	509. 0	612. 6	598. 2	27. 7	170. 0
1936–37[3]	1, 277. 2	2, 024. 9	1, 962. 2	155. 1	302. 0	477. 3	756. 8	733. 3	58. 0	112. 9
1937–38	1, 772. 2	1, 897. 6	1, 813. 4	47. 1	197. 7	664. 9	712. 0	680. 4	17. 7	74. 2
1938–39	1, 555. 5	1, 698. 3	1, 632. 9	32. 4	152. 0	558. 4	609. 7	586. 2	11. 6	54. 5
1939–40	1, 689. 7	2, 159. 5	2, 056. 9	66. 4	408. 0	542. 1	692. 8	659. 9	21. 3	130. 9
1940–41	1, 612. 9	2, 004. 3	1, 882. 8	32. 5	185. 5	486. 3	604. 3	567. 7	9. 8	55. 9
1941–42	1, 747. 5	2, 544. 5	2, 390. 6	43. 4	122. 1	526. 5	766. 7	720. 3	13. 1	36. 8
1942–43	1, 167. 1	1, 951. 8	1, 880. 7	6. 3	108. 0	351. 6	587. 9	566. 5	1. 9	32. 5
1943–44	1, 327. 3	2, 110. 9	2, 001. 3	36. 7	57. 2	399. 8	635. 9	602. 8	11. 1	17. 2
1944–45	2, 319. 4	2, 289. 8	2, 121. 2	244. 6	51. 9	698. 6	689. 7	639. 0	73. 7	15. 6
1945–46	2. 923. 3	2, 664. 3	2, 427. 7	84. 1	74. 2	880. 6	802. 5	731. 3	25. 3	22. 3
1946–47	3, 338. 2	3, 188. 8	2, 974. 5	346. 4	31. 0	1, 006. 9	961. 9	897. 2	104. 5	9. 3

[1] Fiscal years ending March 31.
[2] Including government stores.
[3] Trade of Burma included with that of India through March 31, 1937.

Trade (Oversea) With Principal Countries (Thousands of Dollars)

Country	General imports				Domestic exports			
	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]
Total[2]	**652, 027**	**546, 945**	**737, 525**	**864, 786**	**678, 810**	**584, 389**	**728, 656**	**894, 170**
United States	48, 314	35, 141	205, 978	163, 549	68, 498	49, 823	185, 324	204, 335
Canada	3, 735	3, 226	26, 275	20, 899	8, 698	7, 677	20, 096	24, 527
Argentina	103	33	33	(3)	10, 171	10, 351	13, 503	(3)
Belgium	12, 258	10, 479	----------	(3)	22, 414	15, 961	4, 993	(3)
Czechoslovakia	5, 696	3, 706	----------	(3)	3, 133	5, 102	2, 450	(3)
France	5, 909	5, 038	116	(3)	19, 707	22, 227	13, 669	(3)
Germany	57, 424	46, 513	----------	(3)	39, 095	30, 710	25	(3)
Italy	9, 635	9, 639	2	(3)	20, 391	9, 405	512	(3)
Netherlands	5, 558	5, 128	(4)	(3)	14, 541	15, 837	3, 427	(3)
Spain	594	403	290	(3)	500	807	4, 186	2, 507
Sweden	5, 277	4, 887	1, 008	4, 665	1, 855	2, 034	1, 739	4, 871
Switzerland	6, 386	5, 754	16, 091	13, 473	153	121	1, 195	2, 846
Turkey	456	105	35	(3)	3, 032	1, 411	3, 305	5, 451
U.S.S.R.	2, 721	719	607	(3)	2, 117	1, 354	996	10, 483
United Kingdom	194, 939	166, 887	184, 492	319, 233	226, 231	199, 274	205, 543	224, 322
Aden	2, 203	868	1, 046	1, 793	3, 568	3, 329	10, 324	6, 143
Arabia	1, 277	968	2, 347	1, 784	3, 136	3, 685	8, 844	7, 847
Bahrein Islands	989	2, 940	13, 961	6, 053	1, 164	989	2, 453	2, 305
Burma	97, 418	87, 408	1, 270	14, 334	38, 913	36, 019	352	30, 242
Ceylon	6, 244	4, 219	11, 227	10, 306	19, 820	18, 276	50, 372	43, 086
China	3, 666	6, 227	136	12, 726	7, 444	8, 867	6, 646	33, 350
Hong Kong	914	1, 258	395	5, 053	3, 135	2, 810	2, 064	15, 090
Iran	10, 277	12, 523	138, 552	71, 101	2, 794	2, 815	4, 597	8, 351
Iraq	1, 967	1, 651	3, 184	5, 662	2, 301	1, 816	9, 722	12, 514
Japan	83, 265	55, 331	(4)	15	68, 039	52, 376	----------	----------
Straits Settlements	14, 020	14, 828	343	17, 383	9, 461	7, 322	475	12, 826
Australia	6, 222	8, 661	22, 824	32, 671	11, 736	10, 672	31, 824	42, 706
New Zealand	610	592	3, 193	1, 513	1, 782	1, 550	4, 978	6, 775
Anglo-Egyptian Sudan	7, 334	4, 255	2, 323	1, 471	1, 035	859	12, 151	5, 976
Egypt	11, 195	7, 858	45, 344	42, 167	5, 311	4, 398	8, 483	7, 676
Kenya	16, 346	17, 560	28, 603	23, 898	1, 829	1, 647	11, 284	9, 983
Nigeria	----------	(4)	2	(3)	3, 126	1, 261	8, 073	5, 280
Tanganyika Territory	2, 667	1, 298	5, 546	4, 781	755	485	6, 822	4, 129
Union of South Africa	1, 807	1, 247	8, 065	3, 994	5, 680	5, 357	22, 084	10, 563
Other countries	24, 601	19, 595	14, 237	86, 262	47, 245	47, 762	66, 145	149, 986
Percent of total:								
United States	7.4	6.4	27.9	18.9	10.1	8.5	25.4	22.9
Germany	8.8	8.5	----------	(3)	5.8	5.3	(5)	(3)
United Kingdom	29.9	30.5	25.0	36.9	33.3	34.1	28.2	25.1
Burma	14.9	16.0	.2	1.7	5.7	6.2	(5)	3.4
Ceylon	1.0	.8	1.5	1.2	2.9	3.1	6.9	4.8
China	.6	1.1	(5)	1.5	1.1	1.5	.9	3.7
Iran	1.6	2.3	18.8	8.2	.4	.5	.6	.9
Japan	12.8	10.1	----------	(5)	10.0	9.0	----------	----------
Australia	1.0	1.6	3.1	3.8	1.7	1.8	4.4	4.8
Egypt	1.7	1.4	6.1	4.9	.8	.8	1.2	.9

1 Fiscal years ending March 31.
2 Excluding government stores, bullion, coin and currency notes.
3 Not reported in source.
4 Less than $500.
5 Less than 0.05 percent.

Value of Trade by Principal Groups of Commodities

Group	Thousands of dollars				Percentage distribution	
	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]	1938–39[1]	1946–47[1]
General imports[2]	**652, 027**	**546, 945**	**737, 525**	**864, 786**	**100.0**	**100.0**
Live animals	1, 325	1, 103	100	812	.2	.1
Food, beverages, tobacco	82, 071	86, 169	67, 070	116, 071	15.8	13.4
Raw materials and articles mainly unmanufactured	153, 601	119, 126	351, 936	222, 503	21.8	25.7
Manufactures	405, 445	333, 090	306, 066	504, 658	60.9	58.4
Postal articles[3] and dutiable baggage[4]	9, 584	7, 458	12, 354	20, 744	1.4	2.4
Domestic exports[2]	**678, 810**	**584, 389**	**728, 656**	**894, 170**	**100.0**	**100.0**
Live animals	330	295	840	223	.1	(5)
Food, beverages, tobacco	154, 429	140, 502	163, 582	175, 352	24.0	19.6
Raw materials and articles mainly unmanufactured	305, 610	263, 103	210, 297	277, 736	45.0	31.1
Manufactures	207, 380	170, 922	337, 047	427, 566	29.2	47.8
Postal articles	11, 062	9, 568	16, 890	13, 293	1.6	1.5

[1] Fiscal years ending March 31.
[2] Excluding government stores, bullion, coin and currency notes.
[3] Includes parcel post and dutiable letter packets, except watches, jewelry, precious stones, gold and silver thread, cigarettes and motion picture films which are reported under appropriate commodities.:
[4] Excludes the following classes of dutiable baggage reported under appropriate commodities: Arms and ammunitions; radio sets; instruments, apparatus and appliances; liquors and spirits; furniture and carpets; jewelry, silverware and plated ware; and vehicles including motor cars.
[5] Less than 0.05 percent.
NOTE.—Rounded figures not forced to add to totals.

Imports (Oversea) of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]
General imports, total[2]	-------	-------	-------	-------	**652, 027**	**546, 945**	**737, 525**	**864, 786**
Provisions:								
Milk, condensed and preserved 1,000 lb	6, 621	6, 952	9, 003	21, 070	727	720	1, 159	4, 528
Farinaceous and patent foods do	42, 038	47, 967	3, 842	15, 721	2, 782	2, 756	1, 679	3, 422
Other	-------	-------	-------	-------	6, 259	5, 441	1, 291	2, 749
Grain, pulse and flour:								
Rice million lb	2, 764	3, 059	36	528	42, 010	42, 527	1, 247	18, 905
Wheat 1,000 bu	810	5, 938	13, 123	12, 184	891	4, 193	25, 426	24, 508
Wheat flour hundredweight	3, 763	3, 427	245, 504	605, 427	11	7	989	3, 317
Other 1,000 lb	178, 235	174, 310	634	641, 048	2, 744	2, 685	18	10, 035
Dates do	156, 605	146, 375	75, 573	148, 633	2, 111	1, 614	4, 620	6, 847
Almonds, and cashew nuts do	46, 043	33, 965	36, 214	72, 242	1, 671	1, 348	1, 651	4, 289
Spices:								
Betel-nuts do	165, 566	206, 081	18, 173	80, 501	5, 359	7, 031	2, 130	9, 158
Other do	18, 838	25, 696	16, 568	28, 238	1, 500	2, 425	3, 423	5, 347
Ale, beer and porter 1,000 gal	4, 422	4, 352	171	924	2, 821	2, 640	176	1, 208
Liquors, distilled do	655	576	748	823	3, 357	2, 817	4, 347	5, 341
Rubber tires and tubes thousands	3, 153	2, 184	7	9	5, 836	4, 059	36	62
Copra 1,000 lb	110, 618	105, 273	79, 083	10, 004	3, 590	2, 321	4, 288	721
Coconut oil 1,000 gal	8, 156	8, 231	3, 408	4, 839	2, 947	1, 971	2, 426	4, 052
Tobacco, unmanufactured 1,000 lb	6, 598	6, 371	14, 872	10, 117	1, 680	2, 083	10, 878	8, 366
Cotton, raw do	301, 170	215, 878	192, 692	221, 753	45, 506	30, 545	68, 892	78, 175
Cotton twist and yarn do	21, 998	36, 459	123	217	9, 407	10, 515	111	277
Cotton thread do	2, 237	1, 872	1, 564	1, 673	1, 967	1, 667	3, 101	3, 714
Wool, raw do	8, 173	7, 296	19, 028	11, 039	3, 182	2, 230	9, 309	6, 157
Wool yarn do	2, 891	3, 397	2, 761	4, 127	2, 562	2, 299	3, 808	5, 827
Silk, raw and cocoons do	2, 535	2, 248	-------	769	3, 552	2, 232	-------	6, 538
Artificial silk yarn do	31, 589	17, 416	1, 791	8, 121	7, 704	3, 501	1, 691	12, 049
Textile piece goods:								
Cotton 1,000 yd	590, 798	647, 264	3, 187	16, 150	43, 875	36, 883	1, 302	7, 205
Wool do	6, 723	2, 498	1, 317	3, 103	4, 221	1, 618	3, 732	7, 162
Silk do	22, 868	16, 873	53	811	3, 372	2, 421	151	1, 411
Artificial silk do	89, 695	28, 593	4, 380	20, 449	8, 184	3, 528	2, 962	21, 097
Mixed textiles do	26, 946	13, 485	781	2, 639	5, 222	3, 090	1, 262	4, 130
Yarns, fabrics and manufactures, other	-------	-------	-------	-------	15, 886	10, 710	4, 336	12, 574
Wearing apparel, except hosiery	-------	-------	-------	-------	2, 540	1, 705	1, 502	3, 977
Teak wood 1,000 cu. ft	8, 502	7, 995	-------	74	8, 164	7, 484	-------	310
Tea chests	-------	-------	-------	-------	2, 690	3, 242	5, 729	4, 181
Paper and pasteboard:								
Printing paper 1,000 lb	136, 801	103, 284	80, 005	97, 880	5, 226	3, 329	5, 911	9, 056
Writing paper and envelopes do	20, 047	20, 310	11, 265	15, 960	1, 727	1, 600	1, 981	3, 344
Packing and wrapping paper do	57, 167	43, 353	16, 059	21, 207	3, 151	2, 399	2, 584	3, 431
Other paper and pasteboard do	192, 902	177, 192	15, 346	53, 319	5, 456	4, 264	3, 054	6, 108
Oils, mineral:								
Gasoline 1,000 bbl	2, 918 (Gasoline and benzine, benzol combined)	2, 113	14, 065	3, 378	19, 908 (Gasoline and benzine, benzol combined)	11, 287	148, 984	24, 779
Benzine, benzol do		341	980	123		2, 583	9, 580	1, 040
Kerosene do	5, 794	5, 206	3, 535	4, 629	28, 595	23, 178	24, 228	25, 773
Fuel oils do	3, 661	3, 911	11, 761	9, 101	6, 871	7, 109	34, 517	22, 185
Lubricating do	1, 143	937	934	1, 049	9, 096	7, 898	16, 857	14, 488

See footnotes at end of table.

Imports (Oversea) of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]
Asphalt ... long tons	50, 249	41, 174	214, 373	23, 450	1, 148	926	8, 848	1, 105
Glass and glassware					5, 699	4, 492	1, 870	4, 419
Salt ... 1,000 lb	777, 963	699, 400	485, 298	207, 386	2, 092	1, 357	5, 410	2, 239
Diamonds, unset					4, 192	3, 671	5, 666	7, 390
Iron and steel, including manufactures					30, 817	23, 972	20, 290	14, 594
Hardware and cutlery (excluding electroplated ware)					13, 575	10, 156	8, 053	13, 783
Nonferrous metals:								
Aluminum ... 1,000 lb	7, 485	6, 480	12, 270	26, 225	1, 977	1, 662	2, 718	5, 831
Copper ... do	35, 399	18, 893	34, 440	79, 556	5, 245	2, 205	4, 796	13, 070
Brass and bronze ... do	24, 521	35, 332	24, 411	86, 481	3, 257	3, 793	4, 193	12, 514
Lead ... do	17, 474	16, 740	49, 647	14, 834	1, 083	730	2, 998	1, 316
Tin ... do	6, 736	6, 277	314	2, 346	3, 207	2, 536	180	1, 583
Zinc or spelter ... do	50, 048	58, 539	27, 919	119, 288	2, 882	2, 023	2, 162	10, 724
Other					1, 710	1, 974	1, 604	2, 874
Machinery:								
Electrical					10, 096	13, 351	9, 682	15, 607
Boilers, except for prime movers					4, 379	5, 033	3, 385	5, 918
Prime movers (except electrical)					6, 372	6, 713	4, 468	7, 522
Mining					635	903	3, 290	2, 018
Metalworking, including machine tools					1, 355	1, 398	5, 482	5, 527
Textile					16, 902	13, 597	13, 071	17, 734
Other, excluding printing					24, 603	27, 382	25, 218	39, 171
Belting, all kinds, for machinery					2, 257	1, 763	3, 513	3, 707
Railway rolling stock, excluding locomotives					3, 748	3, 721	10, 107	10, 309
Automobiles ... number	15, 697	10, 983	263	10, 687	11, 190	7, 755	304	13, 245
Trucks and busses ... do	15, 077	7, 866	7, 513	8, 671	7, 761	4, 275	9, 134	9, 758
Parts and accessories for motor vehicles[3]					3, 829	3, 169	4, 774	3, 829
Cycles (other than motorcyles) and parts*					4, 448	3, 449	3, 276	8, 388
Instruments, apparatus, appliances and parts:								
Electric wire and cable					4, 569	4, 744	5, 437	4, 880
Electric lamps (bulbs) and parts					2, 162	1, 499	3, 265	3, 627
Other electrical goods and apparatus					6, 278	5, 650	4, 954	9, 464
Motion picture and other photographic equipment					1, 881	1, 572	1, 893	4, 238
Motion-picture film ... 1, 000 ft	97, 605	100, 250	97, 075	143, 748	2, 386	2, 247	2, 239	2, 374
Radio					1, 790	1, 477	784	6, 054
Other instruments, etc					3, 947	3, 823	3, 645	6, 676
Coal-tar dyes ... 1, 000 lb	20, 888	12, 023	14, 309	12, 872	12, 860	9, 452	29, 448	26, 532
Tanning materials and dyes, other					1, 925	1, 825	1, 818	4, 267
Paints and colors ... 1, 000 lb	31, 194	28, 360	12, 934	16, 133	2, 805	2, 388	2, 471	3, 549
Drugs and medicines[4]					8, 861	7, 924	10, 973	17, 299
Chemicals and preparations[5]:								
Sodium carbonate ... 1, 000 lb	166, 615	146, 555	175, 491	129, 659	2, 235	2, 185	3, 500	2, 649
Caustic soda ... do	58, 070	56, 127	84, 915	66, 955	1, 606	1, 632	3, 516	2, 696
Other					8, 646	7, 142	11, 225	16, 981
Fertilizers, except oilcake ... 1, 000 lb	175, 672	222, 772	191, 993	309, 275	2, 989	3, 776	4, 841	9, 118
Toilet requisites, miscellaneous					2, 546	2, 372	4, 401	8, 817
Arms, ammunition and military stores					4, 794	1, 801	1, 431	2, 695
Clocks, watches and parts					1, 966	1, 531	2, 689	2, 244
Bobbins					1, 604	1, 361	2, 852	2, 713
Stationery, except paper					3, 040	2, 406	3, 909	8, 311
Postal articles[6]					9, 021	6, 921	12, 008	20, 148
Articles imported as dutiable baggage[7]					562	536	346	596
Other					54, 735	46, 720	34, 020	66, 840
Government stores (excluding bullion, coin and currency notes)					12, 888	11, 437	143, 039	142, 134
Bullion, coin and currency notes:								
Gold ... 1, 000 fine oz	170	80	11	341	5, 838	2, 680	664	24, 657
Silver ... do[8]	24, 144	17, 906	52, 061	69, 608	11, 724	8, 847	24, 308	73, 187
Currency notes					119	117	355	6, 634

[1] Fiscal years ending March 31.
[2] Excluding government stores, bullion, coin and currency notes.
[3] Excluding parts for railway locomotives, tractor and aircraft.
[4] Excluding drugs and medicines containing alcohol.
[5] Excluding chemical fertilizers and chemicals containing alcohol.
[6] Includes parcel post and dutiable letter packets, except watches, jewelry, precious stones, gold and silver thread, cigarettes, and motion picture films which are reported under appropriate commodities.
[7] Excludes the following classes of dutiable baggage reported under appropriate commodities: Arms and ammunition; radio sets; instruments, apparatus and appliances; liquors and spirits; furniture and carpets; jewelry, silverware, and plated ware; and vehicles, including motorcars.
[8] 1937-38 and 1938-39 reported in standard ounces.

Exports (Oversea) of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]	1937–38[1]	1938–39[1]	1945–46[1]	1946–47[1]
Domestic exports, total[2]					**678,810**	**584,389**	**728,656**	**894,170**
Fish, except canned ... 1,000 lb.	37,915	37,628	63,679	63,334	2,592	2,487	8,023	9,767
Hides and skins, raw:								
Cattle hides ... do	37,567	29,761	1,355	8,418	4,606	3,138	416	2,538
Goat skins ... do	41,604	41,834	16,274	25,013	11,529	9,215	6,920	12,285
Sheep skins ... do	1,792	1,852	5,638	8,248	515	346	6,700	6,981
Other ... do	34,886	14,549	5,716	13,996	2,264	1,110	1,035	3,866
Hides and skins, tanned or dressed:								
Cattle hides ... do	30,881	27,411	11,193	32,809	9,549	6,517	6,306	21,028
Goat skins ... do	7,636	6,247	7,836	11,075	6,123	4,387	7,137	15,470
Sheep skins ... do	7,327	5,891	3,414	4,229	5,996	4,483	3,585	8,085
Rice, not in the husk ... do	509,083	630,788	100,657	38	9,801	11,363	5,367	2
Wheat ... 1,000 bu.	17,166	10,423	-------	(3)	17,348	8,918	-------	(3)
Wheat flour ... 1,000 cwt.	1,394	1,362	23	1	3,356	2,793	94	4
Oilcake ... long tons	356,953	446,530	115	47	9,101	10,812	21	1
Pulse ... 1,000 lb.	191,858	182,352	66,853	7,513	3,664	3,317	2,780	365
Fresh vegetables ...	-------	-------	-------	-------	1,897	2,076	2,446	2,001
Cashew kernels ... 1,000 lb.	28,549	30,238	27,012	33,882	4,837	4,635	17,237	16,729
Coffee ... do	15,136	20,698	3,220	10,349	2,048	2,696	786	2,775
Tea, black ... do	334,225	348,050	356,121	326,731	91,497	83,608	104,890	104,053
Spices ... do	41,009	43,302	61,550	63,270	3,507	2,824	9,301	13,539
Rubber, crude ... do	17,755	17,218	5,066	670	3,145	2,570	1,132	152
Rubber manufactures ...	-------	-------	-------	-------	86	133	1,504	8,155
Lac:								
Seed ... 1,000 lb.	20,998	23,078	13,449	21,442	1,511	1,184	3,155	8,582
Shell ... do	45,833	43,028	31,325	46,310	4,160	3,071	9,052	22,806
Oilseeds:								
Essential ... do	23,177	25,135	34,769	22,371	959	813	3,752	2,885
Peanuts ... million lb.	1,387	1,871	441	-------	33,516	35,637	18,309	-------
Linseed ... 1,000 lb.	507,434	713,091	379,353	116,305	13,387	15,811	17,577	7,670
Rapeseed ... do	71,496	26,284	49,040	-------	1,742	568	2,585	-------
Other non-essential oilseeds ... do	139,512	49,717	22,938	19,150	3,542	1,229	1,202	1,418
Peanut oil ... 1,000 gal.	2,783	4,669	152	5,182	1,263	1,728	162	5,565
Essential oils ... do	139	142	202	181	961	722	3,033	4,413
Tobacco, unmanufactured ... 1,000 lb.	42,460	60,143	21,903	72,151	4,413	7,211	5,628	17,886
Tobacco manufactures ... do	9,622	5,000	1,867	3,231	3,076	2,684	1,462	3,756
Cotton, raw ... million lb.	1,093	1,081	304	364	108,917	85,649	41,988	67,978
Cotton waste ... 1,000 lb.	51,370	61,559	103,928	148,312	2,787	2,899	6,196	16,226
Cotton twist and yarn ... do	40,124	37,960	14,811	3,361	7,599	6,742	4,510	1,214
Cotton piece goods ... 1,000 yd.	241,255	176,992	457,145	306,671	24,399	17,209	92,029	72,983
Hemp, raw ... 1,000 lb.	92,927	91,427	32,296	51,366	2,795	2,584	1,543	4,352
Jute, raw ... million lb.	1,674	1,547	758	687	55,224	48,092	47,704	57,718
Jute bags ... thousands	612,260	598,436	333,749	390,272	49,415	44,719	59,003	80,926
Jute burlaps ... million yds.	1,643	1,550	1,456	1,342	57,656	47,897	113,312	120,577
Jute manufactures, other ...	-------	-------	-------	-------	2,025	1,656	7,281	9,859
Coir yarn ... 1,000 lb.	73,379	67,369	50,672	65,967	2,549	2,157	3,641	6,751
Coir mats and mattings ... do	6,990	6,587	30,976	48,864	976	820	4,927	9,764
Wool, raw ... do	37,989	55,416	39,491	43,469	9,926	10,722	11,052	11,906
Wool carpets and rugs ... do	11,061	8,945	10,011	15,500	3,845	2,928	7,019	14,319
Coal[4] ... 1,000 short tons	1,127	1,480	164	609	3,549	4,741	736	2,968
Paraffin wax ... 1,000 lb.	26,618	19,145	31,633	42,999	1,926	1,301	3,206	4,053
Mica ... do	32,925	18,127	14,003	20,750	5,568	4,097	7,392	9,053
Pig iron ... short tons	704,707	576,158	30,807	9,526	9,743	9,203	432	127
Manganese ore ... 1,000 long tons	1,001	456	185	462	8,303	3,850	1,968	5,555
Hardware and cutlery (including plate-ware) ...	-------	-------	-------	-------	649	646	469	3,757
Drugs and medicines, excluding narcotics	-------	-------	-------	-------	1,032	999	1,668	2,816
Postal articles ...	-------	-------	-------	-------	11,062	9,568	16,890	13,283
Other ...	-------	-------	-------	-------	46,874	37,824	44,093	75,211
Reexports[4] ...	-------	-------	-------	-------	31,071	23,059	71,147	64,499
Government stores[5] ...	-------	-------	-------	-------	2,095	2,211	2,734	3,206
Bullion, coin, and currency notes:								
Gold ... 1,000 fine oz.	1,938	1,436	21	103	67,130	49,567	1,504	4,592
Silver ... do[6]	8,365	6,006	1,483	51	5,823	2,797	1,612	68
Currency notes ...	-------	-------	-------	-------	1,211	2,184	19,225	4,684

[1] Fiscal years ending March 31.
[2] Excluding government stores, bullion, coin, and currency notes.
[3] Less than one-half the unit.
[4] Excludes coal shipped for the use of steamers, etc., engaged in foreign trade.
[5] Excluding bullion, coin, and currency notes.
[6] 1937–38 and 1938–39 reported in standard ounce (37/40 fine ounce).

Trade With the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937-38[1]	1938-39[1]	1945-46[1]	1946-47[1]	1937-38[1]	1938-39[1]	1945-46[1]	1946-47[1]
General imports from the United States[2]					**48, 314**	**35, 141**	**205, 978**	**163, 549**
Leather belting for machinery					313	263	578	485
Leather and other manufactures except footwear					393	313	75	120
Spirits[3] ... gallons	61, 629	56, 202	121, 633	166, 541	559	487	1, 008	1, 294
Tobacco, unmanufactured ... 1,000 lb	2, 966	3, 339	14, 855	(4)	1, 509	1, 665	10, 866	(4)
Cotton, raw ... do	65, 377	10, 259	549	8, 371	8, 288	1, 345	214	2, 785
Apparel					303	291	382	1, 803
Fents of all materials ... 1,000 lb	1, 606	1, 614	324	620	362	336	137	481
Wood and timber					405	294	100	(4)
Tea chests					(5)	(5)	5, 404	3, 938
Printing paper ... 1,000 lb	849	243	24, 664	17, 300	46	21	2, 541	2, 336
Writing paper and envelopes ... do	295	200	8, 282	4, 638	27	23	1, 254	820
Packing and wrapping paper ... do	182	243	11, 718	6, 366	12	18	1, 708	1, 127
Gasoline ... 1,000 bbl	(4)	(5)	5, 386	73	(4)	(5)	69, 908	968
Lubricating oils, other than batching ... 1,000 bbl	286	219	677	575	3, 184	2, 477	15, 030	10, 342
Asphalt ... do	122	47	5	(4)	486	210	61	(4)
Sulfur (brimstone) ... 1,000 lb	851	8, 183	22, 307	108, 978	17	132	505	2, 946
Iron or steel:								
Sheets and plates, not galvanized or tinned ... short tons	623	487	4, 520	155	50	39	384	18
Hoops and strips ... do	2, 743	1, 033	3, 320	290	141	69	331	44
Tin plate ... do	2, 508	4, 701	6	38	271	501	1	6
Tubes, pipes and fittings, wrought ... short tons	1, 177	155	1, 725	1, 217	142	33	302	335
Wire rope ... do	8	116	5, 945	24	2	19	1, 838	82
Wire nails ... do	74	953	2, 293	925	6	60	232	91
Wire other than fencing wire ... do	85	133	1, 458	129	7	10	264	39
Cutlery					20	17	726	1, 228
Hardware					982	805	1, 811	2, 068
Copper (excluding ore and old for remanufacture) ... 1,000 lb	6, 929	5, 273	386	29, 038	974	567	73	4, 262
Zinc or spelter, unwrought ... do	3, 712	5, 304	12	29, 846	231	173	1	2, 980
Electrical instruments, apparatus, appliances and parts:								
Batteries					635	515	18	18
Electric lamps (bulbs) except automobile ... thousands	2, 538	1, 710	10, 032	4, 751	145	84	1, 765	550
Electric wire and cable					40	61	556	134
Other					471	393	1, 064	1, 316
Radio apparatus and parts					576	453	264	622
Machinery:								
Electrical					628	753	1, 656	1, 682
Mining					345	314	2, 167	594
Oil crushing and refining					196	660	53	535
Metalworking including machine tools					195	186	2, 871	955
Cotton (bleaching, spinning, etc.)					251	138	350	549
Sawmill and woodworking					16	14	475	157
Typewriters ... number	17, 929	9, 924	28, 743	27, 844	626	387	2, 152	2, 237
Other, except printing					2, 838	5, 143	9, 737	9, 800
Automobiles and chassis:								
Passenger cars ... number	4, 876	3, 165	12	1, 912	3, 546	2, 312	16	2, 426
Trucks and busses ... do	10, 035	5, 095	954	4, 817	4, 595	2, 440	1, 997	4, 890
Coal-tar dyes ... 1,000 lb	762	746	7, 661	6, 632	299	282	12, 686	13, 078
Proprietary and patent medicines					543	472	242	352
Camphor ... pounds	394		441, 234	98, 473	(5)		231	86
Paints and colors ... 1,000 lb	1, 649	1, 489	2, 040	3, 010	204	152	290	532
Motion-picture films ... 1,000 ft	16, 406	18, 151	21, 350	(4)	813	651	916	(4)
Stationery, except paper					203	194	845	5, 514
Other					12, 419	9, 369	49, 893	76, 924
Government stores, excluding bullion, coin and currency notes					374	735	71, 355	(4)
Bullion, coin and currency notes:								
Gold bullion and coin ... fine ounces				55, 320				4, 508
Silver bullion and coin ... 1,000 standard oz	55		55, 357	(4)	27		23, 412	8, 938
Currency notes								

See footnotes at end of table.

Trade With the United States by Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937-38[1]	1938-39[1]	1945-46[1]	1946-47[1]	1937-38[1]	1938-39[1]	1945-46[1]	1946-47[1]
Domestic exports to the United States[2]	-------	-------	-------	-------	**68,498**	**49,823**	**185,324**	**204,335**
Skins, raw:								
Sheep ... 1,000 lb.	36	16	4,323	6,142	47	4	4,387	4,736
Goat ... do.	24,548	27,207	12,130	19,676	5,919	5,301	5,312	8,891
Other ... do.	83	101	1,380	668	66	29	606	1,254
Hides and skins, tanned or dressed:								
Buffalo and cattle hides ... 1,000 lb.	869	676	-------	1,279	244	145	-------	912
Sheep skins ... do.	(4)	-------	493	177	1	-------	598	250
Goat skins ... do.	116	128	2,979	3,324	70	74	2,777	4,408
Bristles ... do.	31	12	93	29	6	24	471	201
Cashew kernels ... do.	24,046	24,750	25,852	29,512	4,147	3,861	16,706	14,983
Tea, black ... do.	6,295	8,096	51,318	39,036	1,425	1,704	16,093	12,527
Rubber, raw ... do.	2,910	2,892	4,480	-------	526	399	977	-------
Gums and resins ... do.	4,360	5,054	8,407	(4)	536	541	1,468	(4)
Lac:								
Button ... do.	339	159	552	705	36	12	161	377
Seed ... do.	15,223	16,510	10,477	16,869	1,069	808	2,478	6,823
Shell ... do.	15,782	14,282	17,828	25,060	1,429	970	5,008	12,640
Flaxseed ... do.	16,244	34	-------	(4)	435	2	-------	(4)
Myrobalans ... do.	38,363	24,937	34,235	15,971	307	239	542	246
Sandalwood ... long tons.	588	358	341	337	224	133	300	355
Cotton, raw ... 1,000 lb.	30,094	23,287	103,768	62,702	2,668	1,473	11,772	8,841
Cotton waste ... do.	2,088	5,359	62,337	59,170	95	206	3,255	4,253
Hemp, raw ... do.	3,031	2,479	7,040	16,354	86	70	366	1,618
Jute, raw ... do.	222,080	69,673	130,758	94,913	6,930	2,407	8,934	7,082
Jute bags ... thousands.	18,934	10,873	9,262	28,467	898	460	693	3,352
Jute burlaps ... 1,000 yd.	953,975	841,264	961,387	807,981	31,011	24,056	69,938	64,839
Coir yarn ... 1,000 lb.	3,471	3,057	7,500	6,219	115	94	580	638
Coir mats and mattings ... do.	558	477	12,609	13,418	59	49	2,321	2,929
Fiber for brushes and brooms ... do.	2,426	1,420	4,950	6,673	102	51	402	558
Wool, raw ... do.	5,053	8,951	27,332	25,639	1,617	1,792	7,684	7,228
Wool carpets and rugs ... do.	1,785	655	4,866	3,968	519	256	3,408	2,988
Mica ... do.	19,484	4,388	9,503	12,450	1,493	481	3,914	4,611
Pig iron ... short tons.	60,560	8,837	-------	(4)	798	133	-------	(4)
Manganese ore ... 1,000 lb.	379,008	150,257	373,184	823,218	1,302	544	1,755	4,610
Other	-------	-------	-------	-------	4,318	3,505	12,418	22,173
Reexports[3]	-------	-------	-------	(4)	1,776	1,458	36,528	(4)
Government stores, excluding bullion, coin, and currency notes[6]	-------	-------	-------	-------	2	2	(5)	(4)
Bullion, coin and currency notes:								
Gold ... fine ounces.	768,552	380,447	-------	-------	26,664	13,326	-------	-------
Silver ... standard ounces.	-------	-------	1,450	-------	-------	-------	1	-------
Currency notes	-------	-------	-------	-------	-------	-------	-------	-------

[1] Fiscal years ending March 31.
[2] Excluding government stores, bullion, coin, and currency notes.
[3] Includes distilled liquors, drugs, medicines and chemicals containing alcohol.
[4] Not reported in source.
[5] Less than one-half the unit.
[6] Domestic exports only; reexports to the United States not reported in source.

FINANCE

Receipts and Expenditures of Central Government, Years Ended March 31 (Millions of Rupees)

Item	1938-39, actual	1939-40, actual	1940-41, actual	1941-42, actual	1942-43, actual	1943-44, actual	1944-45, actual	1945-46, actual	1946-47, revised estimate
Revenue	1,210.7	1,257.7	1,451.3	1,737.0	2,351.2	3,049.7	3,992.8	4,076.8	3,970.8
Tax revenue	746.1	813.0	778.5	987.6	1,256.7	1,741.3	2,549.5	2,827.3	2,708.8
Customs	405.1	458.8	373.0	378.9	251.2	261.9	397.7	736.1	875.0
Central excise duties	86.6	65.3	94.9	131.5	127.5	274.2	381.4	463.6	427.9
Corporation tax	20.4	23.8	41.4	116.6	314.0	514.5	842.2	757.3	695.3
Income tax	137.4	142.0	176.3	250.1	434.6	581.9	804.6	735.5	576.0
Salt	81.2	108.6	76.7	92.0	109.1	83.4	92.9	102 0.	91.0
Other	15.4	14.7	16.2	18.5	20.3	25.3	30.7	32.6	43.6
Other revenue	464.6	444.7	672.8	749.4	1,094.5	1,308.4	1,443.3	1,249.5	1,262.0
Currency and mint	5.8	12.8	19.5	34.0	52.5	99.7	124.6	167.5	157.5
Posts and telegraphs (net)	9.2	16.3	19.4	40.8	52.2	99.7	112.3	123.6	59.5
Railways, net receipts as shown in railway budget	313.0	340.7	477.6	571.7	737.5	800.1	781.2	664.2	367.1
Other receipts	136.6	74.9	156.3	102.9	252.3	308.9	425.2	294.2	677.9
Expenditure	1,217.0	1,257.7	1,516.5	1,863.9	3,472.9	4,947.6	5,604.2	5,315.7	4,423.6
Defense services	520.7	502.6	748.1	1,053.8	2,185.4	3,680.1	4,121.0	3,717.6	2,667.2
Civil administration	109.0	111.2	124.3	132.1	167.6	187.2	240.2	294.0	434.1
Debt services	141.2	120.0	127.8	94.0	99.7	120.9	222.1	336.6	419.5
Railways (interest, miscellaneous charges)	299.3	297.4	355.9	370.0	536.3	423.8	461.2	344.2	311.0
Other	146.8	226.5	160.4	214.0	483.9	535.6	559.7	623.3	591.8
Deficit	6.3		65.3	126.9	1,121.7	1,897.9	1,611.4	1,239.0	452.8

NOTE.—In addition to the budget of the Central Government shown above, the Provincial Government and the Indian States have their own budgets.

Public Debt—Government of India and Provinces, Years Ended March 31 (Millions of Rupees)

Item	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47, revised estimate
Government of India:—									
Sterling debt	4,649.4	4,391.0	3,411.1	2,069.3	505.6	347.0	341.9	338.4	328.4
Rupee debt	4,378.7	4,502.3	5,745.5	6,118.5	7,487.4	10,065.5	12,121.4	14,922.0	15,297.3
Small savings[1]	1,414.5	1,353.5	1,087.9	955.6	927.7	1,184.7	1,591.8	2,215.2	2,732.0
Treasury bills and ways and means advances	463.0	547.0	849.0	1,369.8	2,647.0	1,106.1	867.0	833.3	792.0
Total interest-bearing obligations (including unfunded debt and deposits)	12,057.6	12,038.6	12,476.7	12,092.1	13,531.3	15,324.7	18,604.4	22,823.8	23,593.6
British Provinces:—									
Debt position (gross total debt)[2]	1,632.0	1,676.1	1,699.1	1,691.5	1,702.6	1,962.8	1,743.5	1,629.7	1,724.3

[1] Includes (1) post office cash certificates, (2) savings bank deposits (3) defense savings certificates since 1940-41, (4) defence savings bank deposits since 1941-42 and (5) national savings certificates since 1943-44.

[2] Includes (1) permanent debt, (2) floating debt, (3) unfunded debt and (4) loans from Central Government.

Consolidated Position of Scheduled Banks,[1] Years Ended March 31 (Millions of Rupees)

NOTE.—Figures for Burma are shown in parentheses below totals for India and Burma through 1941-42.

Average of Friday figures	1938–39	1939–40	1941–42	1942–43	1943–44	1944–45	1945–46	1946–47
Number of reporting banks[2]	55	59	59	61	75	84	91	96
Demand liabilities	1, 299. 8	1, 396. 5	2, 113. 5	3, 062. 8	4, 566. 3	5, 848. 0	6, 545. 3	7, 255. 4
(Burma)	(61. 7)	(70. 1)	(112. 2)					
Time liabilities	1, 078. 5	1, 060. 3	1, 076. 1	1, 042. 1	1, 427. 8	1, 941. 2	2, 595. 2	3, 231. 1
(Burma)	(45. 5)	(40. 8)	(42. 4)					
Cash (notes and coin)	66. 4	70. 8	98. 6	129. 7	205. 7	273. 1	348. 0	411. 1
(Burma)	(2. 6)	(3. 5)	(7. 0)					
Balances with Reserve Bank	159. 4	174. 3	366. 5	557. 3	636. 3	892. 5	899. 1	812. 5
Advances	1, 158. 5	1, 258. 9	1, 202. 0	956. 8	1, 561. 4	2, 242. 2	2, 850. 7	4, 063. 9
(Burma)	(45. 1)	(44. 2)	(48. 8)					
Bills discounted	48. 6	52. 5	49. 3	21. 8	55. 9	111. 6	160. 5	213. 2
(Burma)	(2. 6)	(2. 8)	(.9)					

1 The scheduled banks are member banks under the supervision of the Reserve Bank of India and are comparable with the member banks of the Federal Reserve System in the United States. They hold approximately 95 percent of the demand deposits of all commercial banks in India.

2 At the end of period.

Currency and exchange.—The monetary unit is the rupee, of 16 annas. The anna is equivalent to 12 pies. Prices may therefore be expressed in three figures, thus: Rs. 5-10-6, meaning 5 rupees, 10 annas, 6 pies. With the threefold increase in prices between 1939 and 1947, pies now have little purchasing power. The rupee was linked by statute (Reserve Bank of India Act, 1934) to sterling at the rate of 1s.6d. to the rupee until April 1947, when an amending act was passed terminating the statutory link with sterling. However, the exchange rate of 1s. 6d. remains unchanged. Par value agreed with the International Monetary Fund and announced on December 18, 1946, 0.268601 gram of fine gold or US$0.30225.

Average Exchange Rates of the Indian Rupee
(Years ended March 31)

NOTE.—Average of noon buying rates for cable transfers in New York, in cents per rupee.

1938	37. 519	1940	32. 082	1942	30. 132	1944	30. 122	1946	30. 122
1939	35. 898	1941	30. 151	1943	30. 122	1945	30. 122	1947	30. 164

Money Supply in India, Year-End [1] (Billions of Rupees)

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	July 1947
Currency[2]	3. 03	3. 40	3. 23	4. 13	6. 75	9. 38	11. 13	13. 09	13. 37	13. 09
Deposit money[3]	1. 35	1. 51	1. 79	2. 33	3. 60	5. 36	6. 75	7. 43	7. 98	7. 66
Total	4. 38	4. 91	5. 02	6. 46	10. 34	14. 74	17. 87	20. 51	21. 35	20. 75

1 Data as of the last Friday of the period indicated.

2 Circulation of Reserve Bank notes and Government of India coin and 1-rupee notes outside of all banks and the Treasury.

3 Demand deposits of the Reserve Bank, the scheduled banks, and the nonscheduled banks, less deposits of the Central Government and all banks with the Reserve Bank. Deposits of the nonscheduled banks are partly estimated.

PRINCIPAL SOURCES

Reserve Bank of India Bulletin (monthly).
Reserve Bank of India Report on Currency and Finance (annual).
Budgets as published (until August 1947, Budget of the Governor General in Council).
Annual Statement of the Sea-Borne Trade of British India.
Accounts Relating to the Sea-Borne Trade and Navigation of British India (quarterly).

INDOCHINA, FRENCH

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, comprising Cochinchina, Cambodia, Annam, Tonkin, and Laos, about 285,000 square miles. (Leased territory of Kwangchowan—about 235 square miles—returned to China by convention signed on August 18, 1945.) Population: 1946, estimate, 27,000,000; 1936, 23,030,000; 1931, 21,450,000; 1926, 20,500,000. Foreign population estimates: Chinese, 480,400; French, 23,250; other Europeans, 2,720. Cities: Saigon-Cholon (Twin-City), largest and most important port, 492,200; Hanoi, 119,700; Haiphong, 65,400; Phnom-Penh, 124,000; and Vientiane, 114,000. Population mainly rural; probably more than 20,000,000 inhabitants derive their livelihood from agricultural pursuits. In 1938 only about 221,052 wage earners were employed in commercial and industrial undertakings.

Education.—In 1944 there were 15,500 schools with total enrollment of 835,000: 13,132 public (707,000); 1,929 private (95,000); and 439 foreign—Chinese, Malay, and Burmese (33,000).

AGRICULTURE AND FORESTRY

Principal crops.—Rice: Of the area devoted to leading crops, 86 percent is normally planted to rice—the highest percentage of any country in the world. Many important rice-growing areas in Tonkin, Annam, and Cochinchina were not under French control in 1947. Statistics available for the crop years 1945–46 and 1946–47 for both rice acreage and paddy production cover only the Cochinchinese and Cambodian areas. Rice acreage cultivated (thousand acres): 1937–38, 13,788 (all areas); 1945–46, 6,368 (Cambodia, excluding Battambang, 2,130, and Cochinchina, 4,238); 1946–47, 5,488 (Cambodia, 2,202, and Cochinchina, 3,286). Paddy production (thousand metric tons): 1937–38, 6,309 (all areas); 1945–46, 2,550 (Cambodia, excluding Battambang, 574, and Cochinchina, 1,976); 1946–47, 2,249 (Cambodia, 674, and Cochinchina, 1,575).

Corn: Cambodia is the principal center of production; prewar output averaged 450,000 metric tons; Cambodia's 1947 production estimated at 10,000 to 12,000 tons, about 3 percent of normal.

Rubber: Production is centered chiefly in Cochinchina, a center of political dissension between French Government authorities and Annamese nationalists. Area under cultivation averaged 340,000 acres in 1938; estimated at about 245,000 acres in 1947. Production (metric tons): 1937, 50,000; 1938, 60,000; 1946, 20,296; 1947, 38,560. A considerable stockpile of crude rubber was available for export at the close of World War II.

Livestock.—1942 estimate (thousands):—Cattle, 2,025; buffaloes, 1,530; swine, 5,000; goats and sheep, 862; horses, 90; and elephants, 2.

MINING AND MANUFACTURING

Quantity and Value of Mineral Production

Item	Quantity				Value (thousands of French francs)			
	1937	1938	1946	1947	1937	1938	1946	1947
Coal ....1,000 metric tons	2,308	2,345	262	248	121,050	183,336	(1)	(1)
Tin (metal) ....metric tons	1,602	1,625	(2)	(2)	42,430	46,380	(2)	(2)
Zinc (metal) ....do	4,204	4,470	(2)	(2)	3,845	3,280	(2)	(2)
Tungsten (anhydride) ....do	389	327	(2)	(2)	14,460	15,060	(2)	(2)
Gold, fine ....troy ounces	5,857	4,855	(2)	(2)	5,857	5,551	(2)	(2)

[1] Not available.
[2] Negligible.

Manufactures.—Normally, local industry is limited to preparation of rice and the manufacture, chiefly for local consumption, of cement, cotton and silk goods, glass, vegetable oils, leather, cigarettes, matches, sugar, salt, and paper. Cement production (metric tons): 1946 (first 9 months only), 32,524; 1947, 69,365; 1938, 266,000. Production of other industries, 1946 and 1947, respectively: Sugar (metric tons), 5,082 and 13,399; salt (metric tons), 14,725, and 16,818; tobacco (metric tons), 771 and 2,386; soap (metric tons), 1,267 and 3,989; oxygen (cubic meters), 70,565 and 164,831; alcohol (hectoliters), 38,115 and 54,563; and beer (hectoliters), 48,162 and 120,121.

Electricity.—Because of the prevailing political unrest, recent information on electrical energy produced is not available. Consumption of electric energy, 1938 (1,000 kilowatt-hours): Total, 65,292 (Saigon-Cholon, 27,627; Hanoi, 8,128; Haiphong, 4,630; Phnom-Penh, 5,082). Most generating plants are either steam or Diesel-operated.

TRANSPORTATION AND COMMUNICATION

Roads.—Before the war there were 16,600 miles of surfaced or graded roads, of which 14,393 were macadamized or asphalted. Few repairs and almost no surfacing were made during the war. For long distances on the great North-South highway, the road parallels the railway, both using the same bridges. In many cases, the bridges were destroyed and have not yet been rebuilt.

Railways.—Length of track before the war, 2,088 miles. At the end of 1947 only 768 miles had been rebuilt. Rolling stock in use in 1942 (1937 data in parentheses): Locomotives, 210 (290); passenger cars, 490 (625); freight cars, 2,613 (3,815). New equipment ordered during 1946: 46 locomotives; 10 Renault Diesel auto-rails; 2 self-powered baggage cars, Diesel Renault; 22 first-class passenger cars; 44 sleeping cars, third-class; 30 ordinary passenger cars; 390 freight cars in units of 20 metric tons; and 50 special 10-ton frieght cars. Revenue in 1947: 31,405,787 piasters (US$4,498,085), of which 8,800,512 piasters (US$1,258,209) from passenger fares and baggage fees, the remainder representing proceeds from express, freight, and other sources.

Civil aviation.—Air transport, both domestic and international, has developed considerably since the end of the war. Within Indochina during 1947 Air France operated flight networks among the following points: Saigon, Phnom-Penh, Dalat, Nhatrang, Tourane, Hué, Haiphong, and Hanoi. International service is provided by the following air lines: Air France, SITA (Société Indochinoise de Transports Aériens), Malayan Airways, Ltd., and Siamese Airways Company, Ltd.

Inland waterways and waterway transportation.—The Red River is a vital factor in the economy of Tonkin, and the Mekong is of even greater importance to Cambodia and Cochinchina. Number of boats registered in Cochinchina for river traffic during 1946: Junks and barges of more than 16 tons, 4,747; steamboats, 170; motorboats, 715. Canals in Cochinchina are in need of dredging, and those in Tonkin believed to be in even worse condition.

Shipping.—Statistics for 1947 for Saigon, the country's largest port and principal distributing center for southern half of Indochina: Served by 32 ocean steamship lines (American, 9); entrances, 403 ships (French, 140; British 124; United States, 34; others, 105), compared with 947 in 1938; ship tonnage entering port, 1,155,000, compared with 4,008,000 during 1938; clearances, 404 vessels, with tonnage of 1,166,000. Haiphong, the country's northern port, has resumed its activities but on a small scale because of Viet Namese activities in the Province of Tonkin. Coastwise shipping was resumed during September 1947; a biweekly coastal shipping service was inaugurated from Saigon to Haiphong by way of Tourane.

Postal statistics.—Number of airmail letters incoming and outgoing (latter in parentheses), 1946: By Air France, 738,000 (703,000) ordinary, and 27,000 (20,000) registered; by foreign aircraft, 12,000 (18,000) ordinary, and 1,000 (1,300) registered. Internal airmail activity, 1946: 900,000 ordinary letters, and 75,000 registered. There were 150 post offices operating during 1946, compared with 338 during 1936. Mail service between Indochina and France, interrupted since December 1941, was not fully resumed during 1946. During that year 630,000 ordinary letters were mailed to France and 570,000 were received from that country; during 1936 there were 1,688,000 ordinary letters despatched to France, and 2,014,000 ordinary letters received from France.

Telegraph.—Inland telegraphs, 1946, with 1936 data in parentheses: Lines, 1,765 (20,300) kilometers; wire 5,115 (43,800) kilometers; number of private telegrams, 138,000 (538,000); official telegrams, 39,000 (247,000). Number of words over wireless during 1947 (1938 in parentheses): With France, 8,389,000 (817,000); with other countries, 1,229,000 (861,000).

Telephone statistics at end of 1946 (1938 in parentheses).—Length of lines in kilometers: Aerial, 4,855 (12,327); underground, 406 (2,057); length of wires, 19,424 (67,971). Number of subscribers, 2,274 (9,087).

FOREIGN TRADE

Per capita trade.—1946: Imports, $1.65; exports, $3.65.

Basis of trade statistics.—Special trade, i. e., imports are for consumption and exports are French Indochina products. Import values, c. i. f.; exports, f. o. b.

Value of Imports and Exports

Year	Thousands of francs or piasters: Imports	Thousands of francs or piasters: Exports	Thousands of dollars: Imports	Thousands of dollars: Exports
	Thousands of francs			
1934	914, 300	1, 060, 600	60, 070	69, 681
1935	901, 402	1, 298, 283	59, 493	85, 687
1936	974, 727	1, 708, 052	59, 556	104, 362
1937	1, 562, 365	2, 594, 098	63, 276	105, 061
1938	1, 947, 256	2, 843, 837	56, 081	81, 903
1939	2, 382, 261	3, 494, 725	59, 795	87, 718
1940	2, 039, 000	3, 954, 000	46, 489	90, 151
1941	2, 000, 000	2, 868, 000	45, 600	65, 390
1942	1, 462, 000	2, 472, 000	33, 334	56, 362
1946	5, 268, 700	11, 736, 200	44, 310	98, 701
	Thousands of piasters			
1947	967, 298	465, 556	138, 295	66, 561

Trade With Principal Countries (Thousands of Dollars)

Country	Imports			Exports		
	1937	1946	1947	1937	1946	1947
Total	**63, 276**	**44, 310**	**138, 295**	**105, 061**	**98, 701**	**66, 561**
United States	2, 107	9, 696	26, 716	7, 294	28, 858	5, 284
France	33, 840	16, 559	77, 945	48, 421	50, 382	30, 758
China	4, 637	1, 219	7, 141	5, 665	3, 486	1, 563
Hong Kong	5, 485	4, 412	3, 606	11, 938	6, 436	12, 055
India	1, 771	5, 562	2, 710	175	101	314
Indonesia	2, 779	1, 494	1, 958	519	363	(1)
Malaya	2, 350	262	222	7, 932	4, 511	7, 801
Thailand	1, 342	880	1, 731	481	718	1, 612
French colonies	2, 192	1, 075	4, 133	6, 174	3, 183	3, 953
Other countries	6, 773	3, 151	12, 133	16, 462	663	3, 221
Percent of total:						
United States	3. 3	21. 9	19. 3	6. 9	29. 2	7. 9
France	53. 5	37. 4	56. 4	46. 1	51. 0	46. 2
China	7. 3	2. 8	5. 2	5. 4	3. 5	2. 3
Hong Kong	8. 7	10. 0	2. 6	11. 4	6. 5	18. 1
India	2. 8	12. 6	2. 0	. 2	. 1	. 5
Indonesia	4. 4	3. 4	1. 4	. 5	. 4	(1)
Malaya	3. 7	. 6	. 2	7. 5	4. 6	11. 7
Thailand	2. 1	2. 0	1. 3	. 5	. 7	2. 4
French colonies	3. 5	2. 4	3. 0	5. 9	3. 2	5. 9

[1] Not available.

Value of Imports by Principal Commodity Groups (Thousands of Dollars)

Commodity group	1937	1946	1947
Total imports	**63, 276**	**44, 310**	**138, 295**
Foodstuffs including beverages	8, 807	6, 721	31, 012
Textiles and manufactures	20, 763	16, 807	43, 310
Chemicals and products	4, 198	3, 689	11, 807
Machinery	2, 905	860	7, 480
Vehicles	2, 705	2, 878	13, 054
Petroleum and products	3, 469	3, 221	2, 600
Metals	5, 578	1, 861	2, 149
Paper and products	2, 650	2, 090	4, 454
Other	12, 201	6, 183	22, 429

Exports of Principal Commodities

Commodity	Quantity (thousands of pounds)			Value (thousands of dollars)		
	1937	1946	1947	1937	1946	1947
Total				**105, 061**	**98, 701**	66, 561
Rubber	99, 510	301, 987	113, 994	18, 856	64, 760	26, 563
Hides, raw	8, 300	3, 499	3, 212	889	1, 291	2, 413
Rice and derivatives	3, 371, 641	241, 139	199, 794	43, 573	12, 605	13, 437
Corn	1, 242, 038	17, 343	11, 199	18, 429	409	757
Oilcake	8, 155	183	26, 638	87	5	3, 054
Tin	5, 038	994	236	1, 377	694	238
Pepper	8, 492	13, 049	3, 728	491	8, 313	4, 251
Other				21, 359	10, 624	15, 843

FINANCE

Government Receipts and Expenditures (Thousands of Piasters)

Item	1938	1939	1946	1947	1948
General budget:					
Receipts[1]	91, 600	115, 255	253, 061	[2] 730, 607	[2] 975, 747
Expenditures	91, 600	113, 603	293, 061	[2] 730, 607	[2] 975, 747
Net balance		+1, 652	−40, 000		

[1] Total of ordinary receipts plus "miscellaneous extraordinary receipts," excluding withdrawals from reserves.
[2] Preliminary estimates only.

Public debt.—Principal amount outstanding December 31, 1945: In francs (Metropolitan), 2,494,880,000; in Indochinese piasters, 146,758,000. (Parity of Indochinese piaster fixed at 17 francs at end of 1945.)

Currency and exchange.—Unit, piaster, stabilized at the rate of 17 French francs to the piaster since January 1, 1946. Average exchange rates of the French Indochinese piaster: 1937, US$0.4045; 1938, $0.2880; 1939, $0.2510; 1946, $0.142970; 1947, $0.142970; 1948, $0.07950 (devaluation date of piaster—January 28, 1948).

PRINCIPAL SOURCES

Annuaire Statistique de l'Indochine, 1943–46 and 1948.
Bulletin Statistique de l'Indochine, 1947.
Statistique Mensuelle du Commerce Extérieur de l'Indochine, December 1939.
Journal Officiel de l'Indochine.

INDONESIA (NETHERLANDS INDIES)

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, total, 735,268 square miles. Population, 1930 census, 60,727,233; 1940 estimate, 70,476,000; 1947 estimate, 72,000,000.

Area and Population, by Islands and Principal Cities

Group of islands	Area (square miles)	Population, 1930 census	Density per square mile	Principal cities (in Java except as noted)	Population, 1930 census
Total	735,268	60,727,233	83	Batavia	[1] 533,015
				Surabaya	341,675
Java and Madura	51,032	41,718,364	817	Semarang	217,796
Sumatra and islands	182,859	8,254,843	45	Bandung	166,815
Netherlands Borneo	208,286	2,168,661	10	Surakarta	165,484
Celebes archipelago	72,986	4,231,906	44	Jogjakarta	136,649
Moluccas	32,307	579,129	18	Malang	86,646
Netherlands New Guinea	159,375	314,271	2	Pekalongan	65,982
Timor archipelago	24,450	1,657,376	68	Buitenzorg	65,431
Bali	2,147	1,101,393	513	Palembang, Sumatra	108,145
Lombok	1,826	701,290	384	Medan, Sumatra	76,584
				Banjermasin, Borneo	65,698
				Pontianak, Borneo	45,196
				Makassar, Celebes	84,855

[1] Population of Batavia estimated at 600,000 in 1940 and 1,127,000 in 1947.

Distribution of population by occupation, 1940 estimate: Agriculture, 13,400,000; livestock industry, 325,000; fishing, 275,000; small and handicraft industries, 2,500,000; machine and factory industry, 300,000; mining, 100,000; all other, 5,100,000.

Education.—School attendance, 1939–40: Primary, vernacular, 2,203,579; elementary, with instruction in Dutch language, 155,913; advanced elementary and secondary, 23,403; university, 1,246. Literates, 1930 census: 4,296,570, of whom 400,877 able to write Dutch.

AGRICULTURE

Land distribution, 1940 (thousand acres).—Java and Madura: Agriculture, 22,013; forests, 7,699; towns, lakes, roads, rivers, etc., 2,777; tidewater fish ponds, 171. Outer Provinces (estimates): Forest, 297,508; all other, 140,395.

Harvested Estate Area (Acres) [1]

Crop	1937	1938	1939	1940
Rubber	1,320,925	1,308,180	1,287,307	1,271,184
Coffee	244,016	237,488	226,010	216,314
Tea	337,366	338,441	338,369	337,089
Tobacco	104,721	103,873	90,241	46,583
Cinchona	37,418	37,028	36,613	35,108
Cacao	13,371	13,516	13,603	13,111
Copra	94,914	72,225	99,678	99,275
Coca	1,673	1,638	1,829	771
Palm oil	173,496	184,114	187,833	193,074
Nutmeg and mace	5,318	5,898	5,515	5,775
Kapok	40,174	41,083	39,909	40,774
Pepper	5,963	5,876	4,435	4,361
Lumber	3,662	4,045	4,297	4,346
Citronella oil	14,280	15,874	14,720	14,473

[1] Indicates the area in actual current production as distinguished from the entire planted area (or area under cultivation).

Estate and Native Production of Principal Agricultural Export Crops (Thousands of Metric Tons)

Crop	1937	1938	1939	1940	1947[1]
Sugar	1,414	1,376	1,562	1,587	23
Copra	756	850	739	[2] 260	229
Rubber	439	303	379	528	205
Palm oil	199	227	244	240	(3)
Coffee	132	107	113	[2] 39	20
Tea	75	81	83	82	1
Sisal, cantala, and manila hemp	85	88	106	94	(4)
Tobacco	[5] 39	[5] 41	[5] 47	[6] 27	(4)
Pepper	33	55	70	32	4
Kapok	19	22	15	17	5
Cinchona bark	10	11	12	16	(3)
Essential oils	2	2	3	4	(3)

[1] Estimates. Where possible indicates production in Federal and Republican area.
[2] Exports only; total production figure not available.
[3] Less than 1,000 metric tons.
[4] Not available.
[5] Estate and native tobacco cultivated for export. In addition, native tobacco suitable for domestic consumption was produced as follows: 1937, 58,000 tons; 1938, 52,000 tons; 1939, 50,000 tons.
[6] Estate tobacco only.

Native Food Crops and Tobacco, Harvested Area: Java and Madura [1]
[Thousands of acres]

Crop	1937	1938	1939	1940
Rice and corn	14,668	14,742	14,969	15,004
Root crops	3,118	3,118	3,269	3,442
Pulses	1,974	2,068	2,130	2,213
All other food crops	1,374	1,374	1,376	1,406
Tobacco	371	363	343	410
Total	21,505	21,666	22,088	22,475

Production of Native Food Crops: Java and Madura
[Thousands of metric tons]

Crop	1937	1938	1939	1940	1947
Rice, milled	3,944	4,172	4,180	4,485	3,050
Corn (maize) shelled	2,037	1,926	1,985	1,900	1,300
Cassava roots	7,637	8,149	8,311	8,415	5,600
Sweet potatoes	1,182	1,206	1,668	1,418	1,200
Soybeans, shelled	269	288	318	295	180
Peanuts	181	202	182	197	130

MINING AND MANUFACTURING

Mineral Production

Mineral		1937	1938	1939	1940	1941	1945	1946	1947
Petroleum	metric tons	7,262,000	7,398,000	7,959,000	7,933,000	(1)	20,804	300,298	1,122,046
Tin (metallic)	do	39,370	25,536	30,663	45,536	51,000	6,577	6,577	16,170
Bauxite	do	198,970	245,354	230,668	275,221	180,190	(1)	(1)	(1)
Coal	do	1,372,536	1,456,647	1,786,632	8,009,422	(1)	(1)	73,000	298,908
Nickel ore	do	20	20,000	23,535	55,540	(1)	(1)	----	----
Manganese ore	do	11,083	9,687	12,074	11,569	(1)	(1)	----	----
Phosphate rock	do	26,167	33,113	18,777	34,085	(1)	(1)	(1)	(1)
Asphalt limestone[2]	do	2,199	6,224	5,383	741	(1)	(1)	(1)	(1)
Sulfur	do	12,674	16,242	17,311	16,920	(1)	(1)	(1)	(1)
Monazite	do	370	393	123	(1)	(1)	(1)	(1)	(1)
Copper	do	49	93	94	(1)	(1)	(1)	(1)	(1)
Copper iodide	do	116	62	37	(1)	(1)	(1)	(1)	(1)
Wolframite	do	(3)	(3)	4	1	(1)	(1)	(1)	(1)
Salt	do	76,000	90,000	159,000	431,000	237,000	130,000	80,000	12,000
Lead ore	do	(1)	50	60	40	(1)	(1)	(1)	(1)
Gold	troy ounces	55,621	76,454	81,181	90,054	(1)	(1)	(1)	(1)
Silver	do	500,105	579,292	618,002	1,499,543	(1)	(1)	(1)	(1)
Platinum	do	(1)	20	28	34	(1)	(1)	(1)	(1)
Diamonds	carats	---------	1,579	2,287	3,467	(1)	(1)	(1)	(1)

[1] Not available. [2] Containing from 4 to 48 percent asphalt. [3] Less than 1 metric ton.

Manufacturing.—Processing of agricultural and mining products, handicraft, small-scale and mechanized industries for the manufacture of goods mainly for domestic consumption. Number of industrial plants, 1940: *Nonestate*—769 rice mills, 59 engineering workshops, 230 repair shops, 51 railway and streetcar workshops; 241 printing works; 16 cement and tile works; 10 diamond polishing works; 146 sawmills; 81 kapok presses; 86 coffee hulling and roasting plants; 129 mineral water plants; 115 vegetable oil factories; 87 essential oil factories; 6 paper factories; 3 cigar factories; 24 cigarette factories; 25 fireworks factories; 82 weaving mills; 204 ice plants; 4 oxygen factories; 2,068 various other plants; *estate*—130 sugar mills; 270 tea factories; 150 coffee factories; 220 coffee and rubber factories; 491 rubber processing mills; 156 tapioca factories; 30 fiber factories; 121 other plants.

Electric power.—1940, with 1937 data in parentheses: Number of power stations, 486 (317); number of pumping stations, 600 (398); power installed in public and Government plants (excluding power installed in private industrial plants for their own use), 209,100 (188,400) kilowatts.

TRANSPORTATION AND COMMUNICATION

Railway Statistics

NOTE.—All railways have a uniform gage of 3 feet, 6 inches.

Item	1937	1938	1939	1947[1]
Number of miles in service	4,559	4,556	4,551	[2] 1,800
Train-miles ... thousands	24,425	25,529	26,802	(3)
Passengers carried ... do	64,948	66,692	68,375	1,699
Baggage carried ... 1,000 metric tons	26	19	31	(3)
Parcels carried ... do	12	14	16	(3)
Freight carried ... do	10,046	9,717	10,781	1,098
Freight-ton-miles	580,046	563,153	630,490	(3)
Coal used ... metric tons	322,713	354,662	411,527	(3)
Gasoline ... do	77	173	190	(3)
Wood ... do	274,115	274,652	293,846	(3)
Electric current ... 1,000 kw.-hr	12,070	12,749	12,802	(3)
Rolling stock:				
Steam locomotives ... number	1,264	1,265	1,250	366
Electric locomotives and trollies ... do	52	51	50	(3)
Baggage cars ... do	3,614	3,600	3,551	(3)
Freight cars ... do	27,140	27,236	27,192	12,138
Coaches ... do	3,614	3,600	3,551	1,187

[1] Excludes Deli Railroad Co.
[2] As of March 1, 1948, in Dutch-controlled areas.
[3] Not available.

Roads.—1941 (latest available): 33,089 miles (of which asphalt, 7,840; hard surface, not asphalt, 25,249).

Civil aviation.—Royal Airlines (KLM) international service to Indonesia, year ended July 31, 1948: Length of route, 13,200 miles; airports (Aug. 1, 1948), 28; passengers, 141,000; baggage 6,600,000 pounds; freight, 7,700,000 pounds; mail, 2,700,000 pounds.

Shipping.—1940 (latest available): Entrances, 12,906 vessels, totaling 29,241,000 net registered tons.

Dutch Shipping Fleet Serving the Netherlands Indies

Company	September 1, 1939		December 1, 1947			
	No. of ships in operation	Tons	No. of ships in operation	Tons	No. of ships under construction	Tons
Java, China and Japan Line	11	89,805	19	168,675	1	9,000
Royal Steam Packet Co. (K.P.M.)	133	320,718	102	130,356	23	56,620
Rotterdam Lloyd	31	263,171	25	211,804	5	46,500
Stoomvart Mij. "Nederland"	33	304,380	32	286,623	1	8,000
Stoomvart Mij. "Ocean"	6	36,349	3	35,580	1	8,200
Total	214	1,014,423	181	833,038	31	128,320

Posts, telegraphs, telephones, and radio.—Posts, 1939: Offices, 657; suboffices, 1,355; pieces of mail handled, 107,028,000. Telegraphs, 1940: Stations, 1,332; suboffices, 629; miles of wire and cables—overhead, 4,583, marine, 230, underground, 52; domestic telegrams, 1,083,000; foreign telegrams—sent, 335,000, received, 361,000, relayed, 624,000. Telephones, 1940: Miles of wire, 214,216; intercity domestic conversations, 1,649,000. Radio, 1940: Number of sets, 51,311.

FOREIGN TRADE

Per capita trade.—1947: Imports, $4.05; exports, $1.80.

Basis of trade statistics.—Import values are based on the bonded warehouse value at the time of import. Export values are figured on the same basis for 1937 and 1938, excluding export duties. For 1946 and 1947, export values are f. o. b. including export duties. Declared values, verified by the customs are used for goods the value of which has not been officially determined.

The territory covered by the statistics includes the entire area of Indonesia except the free port of Sabang, which is regarded as foreign; except the free region of Riouw (Tanjoeng Pinang, Poelau Bintan, Tanjoeng Balei, Penoeba, Tarempa, and Poelau Samboe) insofar as trade in petroleum and petroleum products are concerned; and except, in 1946 and 1947, those areas not under Dutch control.

The country of origin is the country whence the merchandise is consigned. The country of destination is the country receiving the merchandise, i. e., the country to which it has been sold. Merchandise shipped on a for-order basis is assigned to the country of probable destination.

Imports by the Army, Navy, and Red Cross are not included. Passenger goods for passengers' own use are excluded except when subject to export duty, and except for automobiles, which are always included.

Trade values have been converted from guilders to United States dollars at the following rates: 1934, $0.6738; 1935, $0.6771; 1936, $0.6448; 1937, $0.5504; 1938, $0.5501; 1939, $0.5334; 1940, $0.5308; 1946–47, $0.37693.

Value of Imports and Exports

Year	Merchandise				Gold and silver			
	Thousands of guilders		Thousands of dollars		Thousands of guilders		Thousands of dollars	
	Imports	Exports including reexports	Imports	Exports including reexports	Imports	Exports	Imports	Exports
1934	286, 163	487, 328	192, 817	328, 362	612	37, 950	412	25, 571
1935	272, 443	445, 679	184, 471	301, 769	1, 382	13, 650	936	9, 242
1936	281, 792	537, 658	181, 699	346, 682	512	19, 199	330	12, 380
1937	490, 579	951, 194	270, 015	523, 537	17, 635	12, 257	9, 706	6, 746
1938	478, 450	657, 794	263, 195	361, 852	11, 437	12, 135	6, 291	6, 675
1939	472, 443	746, 327	252, 001	398, 091	51, 716	7, 285	27, 585	3, 886
1940	432, 522	881, 911	229, 583	468, 118	(1)	(1)	(1)	(1)
1946 [2]	280, 889	154, 736	105, 867	58, 320	(1)	(1)	(1)	(1)
1947 [2]	772, 766	348, 552	291, 256	131, 369	(1)	(1)	(1)	(1)

[1] Not available.
[2] Preliminary and incomplete figures. Statistics for 1946 are for July-December.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports				Exports, including reexports			
	1937	1938	1946[1]	1947[1]	1937[2]	1938[2]	1946[1 3]	1947[1 3]
Total	**270,015**	**263,195**	**105,867**	**291,256**	**523,537**	**361,852**	**58,320**	**131,369**
United States	27,479	33,119	60,794	111,804	97,894	49,121	26,231	23,955
Netherlands[4]	51,677	58,404	7,536	42,276	105,447	73,773	25,520	58,336
United Kingdom[4 5]	22,510	20,991	3,963	22,915	27,643	19,326	1,001	3,328
Belgium and Luxembourg[4]	8,523	7,255	354	3,399	3,984	2,950	197	411
Italy[4]	2,530	2,779	3,305	4,857	7,107	5,091	----	133
Denmark	348	401	122	693	10,098	5,429	58	1,390
Norway	561	506	16	256	3,989	2,895	11	841
Sweden	1,844	1,950	360	1,265	1,610	1,128	43	718
Germany and Austria[4]	23,857	26,984	26	80	15,467	13,079	(6)	57
France[4]	3,955	5,176	(6)	795	13,189	6,160	(6)	1,700
Czechoslovakia	1,702	2,610	151	827	20	1,369	(6)	766
Switzerland	1,516	2,432	772	1,028	6	4	31	317
Canada	1,695	2,017	898	3,147	492	124	1	3
Netherlands West Indies	----	----	(6)	149	552	1,261	(6)	(6)
Argentina	(6)	211	(6)	1,795	(6)	1,241	17	403
Egypt and Anglo-Egyptian Sudan[4]	301	234	(6)	671	16,636	16,144	128	1,004
British East Africa	1,405	1,765	35	(6)	186	371	(6)	(6)
Union of South Africa	95	93	340	319	3,747	2,815	31	1,294
India and Pakistan	7,093 (India and Pakistan, and Burma)	10,106 (India and Pakistan, and Burma)	2,955	5,956	3,399 (India and Pakistan, and Burma)	2,858	----	61
Burma			1,094	5,446			----	----
Thailand	822	1,421	9,946	4,149	1,451	1,507	----	118
Malaya	22,248	22,419	6,823	19,279	106,907	66,160	3,810	27,565
Hong Kong	3,690	3,557	1,021	8,444	8,533	7,312	352	2,546
China, including Taiwan	4,903	4,615	919	13,683	7,575	5,524	363	396
Japan	68,484	39,512	35	22,857	23,307	11,359	----	1,731
Philippines	412	487	395	193	3,386	3,270	34	381
British Borneo, including Sarawak and Brunei	977	923	485	2,175	688	311	16	58
Ceylon	13	5	(6)	1	2,238	2,055	(6)	(6)
French Indochina	367	1,162	300	1,038	1,084	1,060	(6)	320
Iraq	13	17	(6)	1	1,399	1,379	(6)	20
Iran	1	179	(6)	----	501	1,197	(6)	243
Australia	6,674	7,283	2,010	6,609	16,254	15,661	174	912
New Zealand	6	10	(6)	2	4,298	4,152	(6)	(6)
Tandjong Oeban, Bintan, and Samboe Islands[7]	866	1,134	----	181	24,067	25,687	----	456
Other countries	3,448	3,438	1,212	4,966	10,383	10,079	302	1,906
Percent of total:								
United States	10.2	12.6	57.4	38.4	18.7	13.6	45.0	18.2
Netherlands	19.1	22.2	7.1	14.5	20.1	20.4	43.8	44.4
United Kingdom	8.3	8.0	3.7	7.9	5.3	5.3	1.7	2.5
Germany and Austria	8.8	10.3	.02	.03	3.0	3.6	----	.04
Malaya	8.2	8.5	6.4	6.6	20.4	18.3	6.5	21.0
China	1.8	1.8	.9	4.7	1.4	1.5	.6	.3
Japan	25.4	15.0	.03	7.8	4.5	3.1	----	1.3
Australia	2.5	2.8	1.9	2.3	3.1	4.3	.3	.7

[1] Preliminary and incomplete figures. Statistics for 1946 are for July-December.
[2] Excluding export duties. Total export duties, 1937, $21,584,478; 1938, $16,093,280.
[3] Including export duties.
[4] Exports to these countries include goods on a for-order basis, to be transshipped.
[5] Includes Eire during 1937 and 1938.
[6] Not available.
[7] Tandjong Oeban (Port Oeban) and Poeloe Samboe (Samboe Island) are near Singapore and consist almost entirely of large storage and distributing installations for petroleum products. Trade reported as to and from those installations consists of petroleum and petroleum products exclusively; final destinations of such exports are not available.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Imports, total[2] 1,000 long tons (gross)	**1,964**	**1,971**	**412**	**889**	**270,015**	**263,195**	**105,867**	**291,256**
Foodstuffs and luxuries					42,961	48,956	47,317	82,916
Butter (natural and artificial) 1,000 lb	12,390	13,360		1,874	1,996	2,287		609
Cocoa and chocolate, prepared 1,000 lb	2,875	2,943		2,143	583	633		735
Vegetables, fresh, dried, canned and preserved 1,000 lb	56,992	47,618		20,053	1,853	1,695		2,609
Cheese do	2,332	2,542		1,693	370	378		545
Coconut oil do	12,099	8,622		1,669	670	454		325
Wheat flour 1,000 cwt	1,691	1,881		1,711	4,037	4,209		11,961
Macaroni and other flour products 1,000 lb	9,281	5,298		893	600	347		190
Milk and milk preparations 1,000 lb	45,201	43,793		38,169	2,841	2,894		7,677
Rice, excluding paddy do	391,702	736,798		215,636	6,173	12,160		14,216
Cloves do	9,740	12,580		1,867	1,499	2,018		581
Sugar do	4,817	4,281		5,042	127	106		1,168
Fish, dried, salted, canned and preserved 1,000 lb	[3] 158,184	[3] 158,731		30,759	[3] 6,593	[3] 7,171		5,334
Meat products, canned, with or without vegetables 1,000 lb	[4] 8,481	[4] 7,304		46,308	[4] 1,035	[4] 1,126		12,959
Fruits, fresh, dried and preserved, including jams, jelly, etc 1,000 lb	26,896	24,582		17,820	1,615	1,479		2,842
Salt do	4,414	2,593		25,038	37	35		1,498
Distilled liquors do	5,677	6,303		3,137	988	1,101		780
Beer, wine and soft drinks 1,000 lb	48,656	40,993		9,910	2,456	2,213		1,036
Cigars, cigarettes, and tobacco 1,000 lb	17,937	16,896		7,895	5,181	4,817		6,922
Coffee do	922	1,750		209	84	160		45
Tea do	1,151	1,016		101	176	173		39
Other foodstuffs and luxuries					4,046	3,500		10,845
Animal and vegetable products and manufactures not elsewhere listed					2,980	2,748	684	2,894
Resin, pine or fir 1,000 lb	33,978	23,975		2,414	1,201	865		240
Vegetable oils and fats, inedible 1,000 lb	7,560	9,689		(5)	498	589		(5)
Nonmetallic minerals and manufactures not elsewhere listed					5,760	7,100	3,368	12,992
Petroleum and products long tons	155,872	167,139	87,314	252,609	3,510	4,300	2,512	9,307
Coal, coke, etc short tons	66,562	92,834		50,317	545	799		1,543
Cement barrels	637,429	723,861		297,167	812	918		1,848
Chemicals, medicines, fertilizers, perfumery, paints, etc					24,547	22,897	4,108	12,810
Chemicals 1,000 lb	82,788	61,796		16,292	2,120	2,120		1,920
Drugs, medicines, and chemical tonics 1,000 lb	13,263	13,717		2,418	3,890	3,990		2,705
Fertilizers do	353,474	269,846		25,845	4,988	4,105		1,125
Perfumery, toilet requisites, and cosmetics 1,000 lb	9,043	8,109		3,040	1,609	1,697		1,641
Paints, varnishes, and dyes 1,000 lb	31,698	24,864		4,786	4,715	3,953		1,213
Matches do	5,560	5,082		3,942	582	557		1,586
Soap do	3,613	3,880		1,810	410	417		222

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946[1]	Quantity 1947[1]	Value (thousands of dollars) 1937	Value 1938	Value 1946[1]	Value 1947[1]
Earthenware, porcelain, cement products					2,187	1,983	78	1,081
Earthenware building materials (brick, tile, etc.) 1,000 lb.	39,919	45,671		7,529	603	673		307
Earthenware, coarse, other 1,000 lb.	54,778	37,849		4,971	1,584	1,310		775
Glass and glassware, including electric light bulbs 1,000 lb.	72,999	65,131	796	25,545	3,176	3,022	303	2,412
Wood, cork, vegetable plaiting materials and manufactures 1,000 lb.	109,065	106,353	586	5,254	2,970	3,458	120	827
Hides, skins, furs, leather and manufactures 1,000 lb.	10,628	8,250	1,071	355	2,187	2,077	658	422
Shoemakers' goods do	6,896	5,260		238	1,173	1,159		231
Yarns, piece goods, cordage, clothing, and fancy goods					86,728	66,936	29,359	86,075
Yarns, all kinds 1,000 lb.	35,417	29,736		5,805	10,381	8,240		5,898
Cotton piece goods[6] do	173,120	119,594		48,799	50,440	36,281		64,457
Piece goods of silk and half silk 1,000 lb.	1,321	1,140		29	1,307	1,130		92
Piece goods of artificial silk 1,000 lb.	11,605	8,437		705	4,386	3,553		2,029
Piece goods of wool and half wool 1,000 lb.	1,164	763		46	982	709		169
Clothing do	26,279	22,979		5,024	6,799	6,043		7,489
Gunny bags do	108,221	123,055		14,974	4,758	5,621		2,065
Other textile manufactures including cordage					7,676	5,359		3,276
Paper, paper goods, printed matter					10,114	9,050	1,801	6,588
Paper, paper goods, and printed matter 1,000 lb.	203,328	157,895		26,826	9,524	8,320		5,539
Office, school, drawing, and artists' supplies 1,000 lb.	4,513	4,837		1,334	590	730		1,049
Metals and manufactures[7]					35,048	32,034	3,804	16,684
Aluminum and manufactures 1,000 lb.	3,031	2,696		2,064	675	662		882
Iron and steel:								
Sheets and bars, excluding tinned plate short tons	91,477	63,576		18,410	5,342	4,552		2,448
Structural shapes do	29,232	28,008		2,819	1,462	1,638		334
For reinforcing concrete short tons	19,999	18,493		7,952	886	938		835
Pipe, including drill pipe short tons	61,394	53,455		15,538	5,338	5,323		2,770
Rails and track accessories short tons	11,168	10,878		762	692	739		111
Wire, wire rope and woven-wire screen short tons	16,821	9,285		1,835	1,392	1,013		581
Wire nails and nails do	24,759	16,172		3,734	1,449	1,170		787
Tinned plate do	29,748	30,296		840	3,689	3,970		137
Vehicles, boats and aircraft and parts, excluding engines					14,984	22,295	7,330	23,554
Automobiles, passenger					4,098	4,337		6,697
Motor trucks					228	281		4,637
Chassis for automobiles and motor trucks					1,847	1,726		1,167
Automobile parts and accessories, excluding engines 1,000 lb.	3,250	3,660		1,951	660	733		825
Motorcycles, bicycles, including parts 1,000 lb.	23,539	13,781		2,103	4,574	3,273		1,381
Vessels, dredgers, floating drydocks and parts					245	425		6,088
Other vehicles, boats and aircraft					3,332	11,522		2,759

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946[1]	Quantity 1947[1]	Value (thousands of dollars) 1937	Value 1938	Value 1946[1]	Value 1947[1]
Machinery, implements, apparatus, tools, etc.					31,559	36,681	5,347	33,839
Combustion engines, all kinds 1,000 lb.	5,064	6,632		2,319	1,598	2,474		2,006
Sewing machines					1,094	853		95
Hoisting and lifting machinery, belt conveyors, etc. and parts 1,000 lb.	3,217	3,796		2,970	559	749		1,185
Pumps and pumping machinery 1,000 lb.	4,841	5,216		2,502	1,167	1,341		1,157
Other mining machinery and equipment 1,000 lb.	23,808	32,322		(5)	4,720	5,799		(5)
Electric cables do.	8,252	6,215		2,361	839	619		526
Electrical equipment, installations, and parts not elsewhere listed[8] 1,000 lb.	23,543	26,610		7,042	2,624	3,223		2,038
Equipment, installations, and parts for radio and wireless telegraphy 1,000 lb.	1,515	1,442		459	1,559	1,678		633
Office machines and apparatus 1,000 lb.	659	600		489	742	605		1,090
Lamps and parts, including flashlights 1,000 lb.	9,090	4,043		(5)	1,181	888		(5)
Other machinery, etc., including musical instruments, clocks and arms					15,477	18,453		25,111
Automobile tires and tubes 1,000 lb.	2,022	1,969		7,075	555	572		4,671
Bicycle and motorcycle tires and tubes 1,000 lb.	3,836	1,475		1,466	790	354		1,369
Passenger goods and parcel post					4,264	4,125	316	767
Gold and silver bullion					279	828	(5)	(5)
Gold and silver coin					9,428	5,463	(5)	(5)

[1] Preliminary and incomplete figures. Statistics shown for 1946 are for July December; detailed commodity data for that period not available.
[2] Excluding gold and silver, parcel post, and passenger goods.
[3] Total fish and fish products.
[4] Total meat and meat products.
[5] Not available.
[6] Including sarongs, headgear, etc.
[7] Excluding gold, silver, and metal manufactures appearing elsewhere.
[8] Including batteries, electric ventilating equipment, and equipment for telephone, telegraph, lighting, and power transmission lines.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937[2]	1938[2]	1946[1 3]	1947[1 3]
Exports of domestic goods, total[4] 1,000 long tons (gross)	**11,251**	**10,816**	**350**	**1,199**	**522,794**	**360,466**	**58,078**	**130,600**
Hides and skins, including reptile skins ... 1,000 lb	16,497	12,220	681	3,461	3,922	2,076	155	1,373
Shells ... do	3,926	3,186	688	2,996	592	290	104	775
Rubber and guttas, all kinds ... do	1,065,103	730,266	126,984	188,733	164,084	74,475	26,682	25,633
Hevea rubber, estate and native ... 1,000 lb	1,042,630	705,947	125,335	187,382	163,288	73,557	26,520	25,445
Gutta percha and other guttas and rubbers ... 1,000 lb	22,476	24,319	1,649	1,351	796	918	162	188
Drugs and spices	----	----	----	----	14,633	16,630	4,369	5,780
Mace ... 1,000 lb	1,814	1,839	289	904	463	476	120	403
Nutmegs ... do	9,733	8,768	2,061	5,073	678	689	579	1,308
Cinchona bark ... do	14,200	15,571	4,162	4,374	3,645	4,588	406	1,362
Quinine ... do	739	780	686	163	2,024	1,933	816	502
Cinnamon ... do	5,221	5,523	302	983	351	402	23	106
Pepper, white ... do	25,452	25,022	5,820	3,843	1,961	1,464	1,923	1,085
Pepper, black ... do	44,377	97,442	1,404	1,971	1,865	3,240	306	537
Areca nuts ... do	126,270	140,540	1,497	4,870	3,139	3,298	43	334
Other drugs and spices	----	----	----	----	507	540	153	142
Coffee, all kinds ... 1,000 lb	221,615	154,559	3,439	787	14,337	7,541	371	188
Copra ... do	1,115,698	1,246,676	113,803	336,511	34,469	21,076	6,515	30,060
Peanuts ... do	56,661	47,796	7	77	1,212	1,183	2	9
Palm oil ... do	434,628	486,794	----	4,987	14,366	9,092	----	1,255
Coconut oil ... do	62,728	44,708	(5)	(5)	3,354	1,395	(5)	(5)
Palm seeds ... do	92,711	106,172	(5)	(5)	374	1,292	(5)	(5)
Kapok seeds ... do	43,632	20,227	(5)	(5)	1,624	102	(5)	(5)
Other oilseeds and nuts, and vegetable oils and fats	----	----	----	----	2,205	2,045	164	1,213
Sugar, all kinds ... 1,000 lb	3,009,918	2,637,914	631	3,770	28,130	24,876	30	341
Tobacco, all kinds ... do	110,613	110,912	1,909	4,916	22,615	21,371	556	1,606
Leaf, deli (cigar wrapper) ... do	26,894	26,303	(6)	(6)	16,016	14,715	(6)	(6)
Leaf, other ... do	82,907	83,833	(5)	(5)	6,464	6,536	(5)	(5)
Cut and manufactured ... do	811	776	(5)	(5)	135	120	(5)	(5)
Tapioca root and products ... do	984,725	587,671	2,648	75	10,118	5,060	59	3
Tea ... do	167,404	180,435	3,481	7,061	27,003	30,939	632	2,111
Hard fibers for cordage ... do	191,584	198,606	1,332	8,080	8,199	4,993	46	901
Kapok ... do	41,928	36,032	4,491	6,393	4,090	3,537	864	1,162
Other vegetable fibers ... do	17,917	15,274	412	2,582	586	326	14	244
Rice, excluding paddy ... do	67,697	37,011	4	3,865	1,405	781	----	176
Resins, all kinds ... do	61,551	49,619	6,817	15,966	2,093	1,677	808	2,600
Citronella oil ... do	3,885	5,135	498	410	1,139	1,294	1,182	755
Copra oil cake ... do	178,281	205,374	1,464	14,259	1,866	1,899	57	414
Rattan, all kinds ... do	102,462	79,516	6,993	32,324	1,658	1,303	902	2,615
Logs, timber and lumber	----	----	----	----	2,966	2,293	(5)	(5)
Tanning materials ... 1,000 lb	40,647	36,531	(5)	(5)	735	745	(5)	(5)
Maize ... do	479,192	225,487	(5)	(5)	3,724	1,742	(5)	(5)
Sago ... do	83,189	62,005	(5)	(5)	965	520	(5)	(5)
Petroleum and petroleum products, total ... long tons	5,877,643	5,971,567	199,192	758,801	90,902	88,898	2,195	23,460
Kerosene ... do	834,224	700,736	(5)	(5)	12,219	11,601	(5)	(5)
Benzine and gasoline ... do	1,928,950	2,035,904	(5)	(5)	42,901	44,548	(5)	(5)
Fuel oil[7] ... do	1,852,136	1,716,501	(5)	(5)	15,269	11,991	(5)	(5)
Diesel oil[7] ... do	1,063,142	1,339,812	(5)	(5)	9,682	12,128	(5)	(5)
Paraffin ... do	73,529	70,951	(5)	(5)	5,712	6,184	(5)	(5)
Other petroleum products	----	----	----	----	5,119	2,447	(5)	(5)
Coal[7] ... short tons	350,372	405,137	----	----	802	1,328	----	----
Tin ore ... 1,000 lb	81,430	42,373	16,244	50,581	30,099	11,866	6,615	23,694
Tin, refined ... do	30,823	16,160	8,369	1,689	16,197	6,530	4,432	1,113
Manganese ore ... do	34,595	24,720	2,385	5,776	297	249	11	17
Bauxite ... do	500,879	603,795	----	197,492	763	1,308	----	275
Scrap iron ... short tons	114,320	66,808	(5)	(5)	1,641	786	(5)	(5)
Woven fabrics, including sarongs, lace, etc. ... 1,000 lb	959	864	(5)	(5)	773	665	(5)	(5)
Reexports, excluding gold and silver ... 1,000 lb	10,922	11,405	1,186	2,019	744	1,387	242	769
Passenger goods, parcel post and ships' stores	----	----	----	----	1,002	1,082	(5)	227
Gold and silver bullion	----	----	----	----	3,124	3,695	(5)	(5)
Gold and silver coin	----	----	----	----	3,622	2,980	(5)	(5)

1 Preliminary and incomplete figures. Statistics shown for 1946 are for July-December.
2 Excluding export duties. Total export duties 1937, $21,584,478; 1938, $16,093,280.
3 Including export duties.
4 Excluding gold and silver, parcel post, passenger goods, and ships' stores.
5 Not available.
6 No cigar wrapper leaf grown during 1946 and 1947.
7 Including coal and oil supplied as fuel to ships in foreign trade.

Trade With the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1 2]	1947[1]	1937	1938	1946[1 2]	1947[1]
Imports from the United States, total long tons (gross)	**193, 363**	**148, 460**	**159, 866**	**287, 227**	**27, 479**	**33, 119**	**60, 794**	**111, 804**
Foodstuffs, beverages and tobacco	-------	-------	-------	-------	1, 525	1, 758	14, 281	36, 646
Vegetables, dried and canned 1,000 lb	635	827	2, 723	3, 794	67	88	1, 025	662
Cheese do	-------	-------	1, 204	787	-------	-------	358	260
Wheat flour cwt	2, 579	1, 565	403, 115	1,758,605	6	3	2, 416	11, 838
Flour, other 1,000 lb	664	589	439	739	44	39	43	68
Milk, condensed and evaporated 1,000 lb	1, 545	1, 470	10, 796	7, 840	103	101	1, 275	1, 442
Milk, other do	79	104	858	2, 668	18	25	297	1, 026
Rice, excluding paddy do	-------	-------	-------	33, 918	-------	-------	-------	2, 647
Sardines, canned do	295	1, 508	9, 478	2, 776	13	62	889	629
Fish, other do	322	395	1, 091	2, 679	37	42	121	442
Meat, canned, with or without vegetables 1,000 lb	79	194	13, 830	19, 409	13	30	3, 709	6, 322
Fruit and preparations, including juice 1,000 lb	5, 542	5, 950	5, 388	8, 541	381	415	685	1, 282
Beverages, including beer, wine, and liquors 1,000 lb	434	670	18	3, 468	43	70	8	325
Cigarettes do	86	84	1, 140	3, 086	37	37	667	3, 239
Tobacco, leaf do	3, 023	3, 384	-------	2, 679	525	575	-------	1, 030
Animal and vegetable products and manufactures not listed elsewhere	-------	-------	-------	-------	1, 048	908	542	1, 074
Resin, pine or fir 1,000 lb	26, 978	23, 889	-------	1, 605	925	861	-------	155
Other do	1, 850	604	2, 646	2, 185	123	47	542	919
Nonmetallic minerals and manufactures not listed elsewhere	-------	-------	-------	-------	1, 305	1, 678	381	4, 819
Lubricating oil 1,000 lb	20, 254	20, 459	6, 116	36, 910	663	744	273	2, 302
Asphalt do	24, 553	39, 862	-------	32, 992	245	399	-------	856
Other petroleum products do	2, 282	2, 568	800	5, 633	103	113	46	511
Coal and coke short tons	-------	-------	-------	29, 070	-------	-------	-------	941
Cement 1,000 lb	1, 468	933	90	3, 629	19	13	1	55
Other	-------	-------	-------	-------	274	410	61	153
Chemicals, medicines, fertilizers, perfumery, paints, etc	-------	-------	-------	-------	3, 567	3, 230	651	3, 790
Caustic soda 1,000 lb	27, 767	27, 236	-------	580	615	727	-------	34
Formic acid do	-------	-------	-------	1, 027	-------	-------	-------	183
Other chemicals do	5, 024	5, 990	1, 759	4, 530	112	129	78	565
Drugs, medicines, and chemical tonics 1,000 lb	121	115	7	675	52	54	20	828
Ammonium sulfate do	36, 965	690	4, 039	1, 411	548	10	118	41
Other fertilizers do	13, 561	7, 643	-------	3, 479	297	188	-------	116
Perfumery, toilet requisites and cosmetics 1,000 lb	403	425	33	725	144	166	24	372
Paints, varnishes and dyes do	1, 545	1, 808	112	1, 603	233	304	94	491
Other chemical products and manufactures[3]	-------	-------	-------	-------	1, 565	1, 651	317	1, 160
Earthenware, porcelain, glass, and glassware 1,000 lb	1, 653	522	218	4, 546	92	63	26	493
Wood, cork, vegetable plaiting materials and manufactures 1,000 lb	1, 356	4, 312	452	2, 906	86	161	84	482
Yarns, piece goods, cordage, clothing and fancy goods	-------	-------	-------	-------	1, 083	912	10, 389	19, 140
Cotton yarns and thread 1,000 lb	-------	-------	51	1, 071	-------	-------	30	704
Cotton piece goods do	2, 125	1, 301	10, 662	11, 199	619	360	9, 201	15, 237
Artificial-silk piece goods do	-------	7	90	179	-------	7	127	667
Other piece goods[4] do	930	1, 036	750	1, 695	223	242	666	1, 203
Clothing, including hats, sarongs, etc. 1,000 lb	231	280	247	977	233	295	245	1, 274
Other	-------	-------	-------	-------	7	7	119,	55
Paper, paperware, stationery, office supplies, etc	-------	-------	-------	-------	1, 358	989	282	1, 652
Wrapping paper 1,000 lb	54, 580	39, 555	1, 067	2, 070	1, 008	645	49	175
Other paper do	2, 837	1, 620	421	6, 673	174	136	143	977
Books, periodicals, paperware, stationery, office supplies, etc 1,000 lb	1, 444	1, 616	146	529	175	207	90	501

See footnotes at end of table.

Trade With the United States by Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946[1] [2]	Quantity 1947[1]	Value (thousands of dollars) 1937	Value 1938	Value 1946[1] [2]	Value 1947[1]
Imports from the United States—Continued.								
Metals and manufactures[5]	--------	--------	--------	--------	5, 510	3, 847	672	5, 888
Aluminum and alloys and manufactures ... 1, 000 lb.	26	154	--------	1, 402	8	28	--------	569
Iron and steel:								
Sheets, including tinned, galvanized and roofing ... short tons	30, 531	16, 147	153	4, 284	2, 183	1, 514	17	485
Pipes, including casings ... do	20, 380	6, 030	443	10, 513	1, 933	905	46	1, 707
Structural steel ... do	1, 463	837	280	2, 589	120	53	71	462
Wire, wire rope and screen ... do	2, 323	1, 470	--------	1, 552	210	143	--------	401
Other iron and steel products ... short tons	8, 028	7, 657	1, 249	6, 313	896	1, 025	171	1, 509
Copper, including wire and insulated wire ... 1, 000 lb.	170	278	--------	1, 920	56	76	--------	472
Other metals and metal products[5]	--------	--------	--------	--------	105	102	367	283
Vehicles, boats and aircraft and parts, excluding engines ... 1, 000 lb.	22, 033	23, 986	15, 554	40, 217	4, 861	11, 961	5, 809	14, 695
Tractors, roadrollers, and parts	--------	--------	--------	--------	219	414	--------	1, 096
Automobiles, passenger	--------	--------	--------	--------	2, 028	1, 782	779	3, 994
Chassis, automobile and motortruck	--------	--------	--------	--------	1, 161	1, 157	640	1, 052
Motortrucks with body	--------	--------	--------	--------	14	73	447	3, 590
Automobile parts and accessories, excluding engines ... 1, 000 lb.	1, 581	2, 260	1, 226	1, 755	265	386	370	692
Vessels, boats, and aircraft and parts[6]	--------	--------	--------	--------	[7] 1, 077	[7] 7, 953	2, 983	3, 957
Other vehicles and parts[8]	--------	--------	--------	--------	96	197	589	313
Machinery, implements, apparatus, tools, etc.	--------	--------	--------	--------	6, 516	7, 036	3, 204	17, 469
Combustion engines, all kinds	--------	--------	--------	--------	363	647	299	1, 260
Hoisting and lifting machinery, belt conveyors, etc. and parts ... 1, 000 lb.	421	518	55	1, 592	148	180	19	739
Office machines and appliances	--------	--------	--------	--------	507	345	118	922
Pumps and pumping machinery ... 1, 000 lb.	2, 729	2, 143	238	([9])	671	669	60	([9])
Other machinery	--------	--------	--------	--------	2, 990	3, 131	643	10, 921
Radio equipment and installations, parts and tubes	--------	--------	--------	--------	62	105	133	92
Electrical equipment, installations and parts not otherwise listed[10]	--------	--------	--------	--------	289	329	30	796
Instruments other than musical[11]	--------	--------	--------	--------	182	287	69	456
Lamps and parts, other than gas and oil lamps, including flashlights	--------	--------	--------	--------	89	661	--------	272
Other tools and equipment[12]	--------	--------	--------	--------	1, 214	680	1, 832	2, 009
Automobile tires and tubes ... 1,000 lb.	328	505	293	6, 206	92	144	176	3, 997
Gold and silver	--------	--------	--------	--------	--------	--------	([9])	([9])
Exports of domestic goods to the United States, total ... long tons (gross)	**627, 880**	**450, 395**	**51, 907**	**130, 941**	**97, 862**	**49, 078**	**26, 231**	**23, 947**
Animal products and manufactures ... 1, 000 lb.	2, 926	1, 797	97	1, 140	1, 262	420	57	514
Goat and sheep skins ... do	1, 473	798	([9])	([9])	1, 038	323	([9])	([9])
Rubber and guttas, all kinds ... do	410, 346	255, 205	98, 547	72, 733	60, 426	25, 339	20, 599	10, 425
Rubber all kinds, except wild ... 1, 000 lb.	405, 615	251, 314	79, 582	68, 603	60, 203	25, 115	17, 334	9, 925
Drugs and spices ... do	27, 516	83, 846	353	1, 764	1, 593	3, 351	96	520
Pepper, black and white ... do	21, 971	78, 008	--------	322	1, 080	2, 741	--------	113
Mace ... do	657	765	51	322	156	186	35	156
Nutmegs ... do	2, 037	1, 781	60	441	148	134	5	99
Cinchona bark ... do	--------	--------	--------	675	--------	--------	--------	136
Other drugs and spices	--------	--------	--------	--------	210	290	57	15
Coffee, hulled ... do	36, 041	8, 774	--------	--------	2, 391	673	--------	--------
Oilseeds and nuts, vegetable oils, and fats ... 1, 000 lb.	327, 574	261, 340	--------	3, 466	10, 785	4, 945	--------	352
Copra ... do	12, 112	--------	--------	3, 466	433	--------	--------	352
Palm oil ... do	314, 600	253, 161	--------	--------	10, 335	4, 844	--------	--------
Palm kernels ... do	862	8, 173	--------	--------	17	100	--------	--------
Sugar ... do	1, 616	1, 920	--------	913	18	20	--------	46
Tapioca roots and products ... do	393, 236	239, 140	2, 350	--------	5, 537	2, 364	48	--------
Tapioca flour ... do	368, 364	229, 933	2, 123	--------	5, 292	2, 231	45	--------
Tea ... do	19, 495	23, 235	--------	33	3, 209	4, 082	--------	12

See footnotes at end of table.

Trade With the United States by Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1, 2]	1947[1]	1937	1938	1946[1, 2]	1947[1]
Exports of domestic goods to the United States—Continued								
Vegetable fibers ... do	111,426	70,599	1,195	300	5,772	2,736	101	55
Hard fibers for cordage ... do	88,811	53,160	(9)	-------	3,743	1,278	(9)	-------
Kapok ... do	18,462	13,481	443	293	1,839	1,360	76	54
Others ... do	4,154	3,957	271	7	190	97	10	1
Other vegetable products	-------	-------	-------	-------	1,467	1,168	317	998
Resins, all kinds ... 1,000 lb	18,108	14,246	1,122	3,538	641	427	139	517
Tanning materials, all kinds ... do	3,194	1,653	-------	165	188	97	-------	14
Citronella oil ... do	963	1,757	60	60	286	431	68	137
Rattan, all kinds ... do	6,671	3,807	159	1,303	119	64	31	201
Bamboo and pandan hats	-------	-------	-------	-------	139	84	-------	95
Other	-------	-------	-------	-------	94	65	152	35
Petroleum and petroleum products 1,000 lb	36,356	30,195	-------	-------	1,220	1,164	-------	-------
Paraffin and candles ... do	34,425	29,416	-------	-------	1,213	1,161	-------	-------
Ores, metals, other nonmetallic minerals, cement, etc	-------	-------	-------	-------	4,173	2,774	4,772	11,350
Tin ore ... 1,000 lb	-------	-------	5,024	22,276	-------	-------	1,904	11,070
Tin, refined ... do	7,941	6,845	-------	7	4,173	2,769	-------	4
Bauxite ... do	-------	-------	-------	186,469	-------	-------	-------	253
Reexports, excluding gold and silver 1,000 lb	112	157	9	31	31	43	1	8
Gold and silver	-------	-------	-------	-------	-------	-------	(9)	(9)

[1] Preliminary and incomplete figures.
[2] July–December.
[3] Including alcohol, tar, and coal-tar products, insecticides, disinfectants, ink, explosives, matches, soap films, etc.
[4] Including towels, cotton blankets and sheets, embroidery, lace, carpets and rugs, and canvas sailcloth.
[5] Excluding gold, silver, and metal manufactures appearing elsewhere.
[6] Including dredges and floating drydocks.
[7] Of which \$1,058,419 (171 metric tons) was aircraft in 1937, and \$7,918,690 (1,108 metric tons) was aircraft in 1938.
[8] Including railway rolling stock, bicycles, and motorcycles.
[9] Not available.
[10] Including batteries, electric ventilating equipment, and equipment for telephone, telegraph, lighting, and power transmission lines.
[11] Including technical, scientific, and photographic instruments.
[12] Including agricultural tools, meters, fire extinguishers, electric cables, oil and gas lamps, clocks and watches, musical instruments, weapons and parts, brushes, and toilet and household articles.

FINANCE

Government Expenditures and Receipts (Thousands of Guilders)

Year	Ordinary service			Extraordinary service			Total		
	Expenditures	Receipts	Surplus or deficit	Expenditures	Receipts	Surplus or deficit	Expenditures	Receipts	Surplus or deficit
1937	493,043	520,355	27,312	82,092	55,045	−27,047	575,135	575,400	265
1938	545,094	547,968	2,874	103,492	49,109	−54,383	648,586	597,077	−51,509
1939	581,589	581,087	−502	128,280	82,307	−45,973	709,869	663,394	−46,475
1940	565,537	600,462	34,925	195,766	143,380	−52,386	761,303	743,842	−17,461
1941[1]	666,675	658,868	−7,807	464,498	219,125	−245,373	1,131,173	877,993	−253,180

[1] Estimated.

Currency and exchange.—Official selling rate of the Netherlands Indies guilder (florin) per United States dollar: 1937, 1.817; 1938, 1.818; 1939, 1.883; 1940, 1.886; 1945, 2.664 (from August 3); 1946, 2.653; 1947, 2.653.

PRINCIPAL SOURCES

Netherlands Indian Report, 1939, Part II, Statistical Abstract for the Year 1938.
Netherlands Indies Central Office of Statistics, Annual Report of Foreign Trade (prewar).
Indonesian Central Office of Statistics, Monthly Foreign Trade Reports, 1946 and 1947.

JAPAN [1]

(See general explanatory note, p. vi)

AREA AND POPULATION

Area.—At present Japan, defined as including the four main islands of Honshu, Hokkaido, Kyushu, and Shikoku, and some 1,000 small adjacent islands, has an area of approximately 146,786 square miles. (This figure includes some islands which in prewar years were included with Japan Proper but which are not included in the present definition of the area of Japan. Final area determination of Japan awaits a peace treaty settlement).

Population.—Japan, as defined above, October 1, 1947, census, 78,626,719; October 1, 1946, estimate, 76,155,553. Japanese Government estimates of population for Japan Proper in 1937 and 1938 were 71,252,800 and 72,222,700, respectively. Preliminary figures of the October 1, 1947, census indicate the urban population to be 25,853,165 (population of cities of 100,000 and over, 16,785,811); rural population, 52,237,826. (These preliminary figures, however, do not make allowance for under-counting as does the total population figure). Total employed persons in Japan on October 1, 1947 (15 years old and over), 33,550,000 (Japanese Bureau of Statistics). Of this number 16,722,000 were engaged in industries other than agriculture and forestry.

Population of Major Cities

City	Oct. 1, 1935 census	1938 estimate	April 26, 1946 census	Oct. 1, 1947 census
Tokyo	5, 875, 667	6, 457, 600	3, 442, 106	4, 174, 505
Osaka	2, 989, 874	3, 321, 200	1, 293, 501	1, 559, 310
Kyoto	1, 080, 593	1, 159, 800	914, 655	999, 396
Nagoya	1, 082, 816	1, 224, 100	719, 382	853, 085
Yokohama	704, 290	777, 500	706, 557	814, 268
Kobe	912, 179	989, 100	443, 344	607, 202
Fukuoka	291, 158	316, 400	288, 794	328, 586
Sendai	219, 547	234, 200	255, 036	293, 208
Yokosuka	182, 871	211, 900	249, 702	261, 759
Sapporo	196, 541	210, 300	227, 223	259, 602
Kawasaki	154, 748	214, 400	210, 157	252, 923
Kumamoto	187, 382	201, 400	206, 016	247, 607
Amagasaki	71, 072	147, 300	172, 557	232, 755
Kanazama	163, 733	191, 600	207, 287	231, 450
Hiroshima	310, 118	334, 600	171, 902	224, 205
Hakodate	207, 480	213, 800	187, 367	211, 111
Shizuoka	200, 737	216, 800	182, 058	205, 380
Niigata	134, 992	141, 100	184, 246	204, 495
Nagassaki	211, 702	229, 700	174, 141	198, 405
Himeji	91, 375	106, 700	175, 734	197, 452
Sakai	141, 286	175, 700	173, 694	194, 049
Kure	231, 333	256, 700	170, 285	185, 740
Shimonoseki	132, 737	162, 100	162, 982	176, 666
Sasebo	173, 283	213, 400	163, 521	175, 233
Wakayama	179, 732	191, 600	153, 456	171, 800
Kagoshima	181, 736	191, 200	123, 533	170, 416
Kokura	110, 372	144, 100	149, 047	167, 996
Yawata	208, 629	237, 900	(1)	167, 829
Gifu	128, 721	135, 700	148, 637	166, 859
Omuta	104, 992	109, 800	144, 177	166, 480
Otaru	153, 587	159, 000	150, 611	164, 934
Matsuyama	81, 940	81, 600	127, 367	147, 967
Kochi	103, 405	105, 400	125, 993	147, 120
Okayama	166, 144	176, 900	107, 690	140, 631

[1] Not available.

Education.—Number of schools, with total enrollment in parentheses: 1937, 48,216 (15,242,333); 1938, 48,637 (15,638,780); April 1944–March 1945, 46,640 (18,198,340); May 1947, 49,704 (17,704,058). Principal types of schools, with enrollment in May 1947: Elementary, 10,537,405; secondary, 5,288,774; youth schools, 1,846,058; schools for the handicapped, 10,701; universities and colleges, 21,120.

Literacy.—System of compulsory education since 1872. Illiteracy normally low; current information not available.

[1] All prewar data given are for Japan Proper.

AGRICULTURE AND FISHERIES

Land distribution (thousand acres).—Cultivated land (1947), 14,826 (16 percent of total land area), including rice fields, 7,830, and upland farms, 6,996. Area in forests, bamboo groves, etc. (1946), 58,294 (coniferous forest, 14,564; broad-leafed forest, 21,495; mixed wooded land, 11,150; bamboo groves, 359; denuded, 2,195; special-purpose forests, 3,076; waste lands, 5,455). Pasture lands (1946), 6,990.

Principal Crops: Area and Production

Crop	Area (thousands of acres)				Production (thousands of metric tons, except as indicated)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947
Rice (brown)	7,861	7,870	6,872	7,661	9,929	9,863	9,208	[1] 10,961
Wheat	1,772	1,774	1,562	1,853	1,367	1,227	615	[1] 767
Barley	808	875	910	865	748	688	417	[1] 515
Naked barley	1,051	1,015	1,101	1,137	827	709	451	[1] 642
Oats	300	337	202	203	153	205	57	67
Soybeans	800	795	573	607	362	343	208	[1] 195
Corn	128	135	126	116	86	84	65	50
Potatoes	419	396	477	494	2,067	1,848	1,760	2,214
Sweet potatoes	633	617	921	988	3,295	3,225	5,515	4,415
Tea	97	98	65	(2)	54	55	[3] 24	(2)
Tobacco	85	92	57	101	64	63	[3] 36	60
Raw silk					[4] 92,124	[4] 94,934	[4] 11,804	[4] 14,719

[1] Estimated. [2] Not available. [3] Year 1945. [4] Thousands of pounds.

Fisheries.—Data based on Japan Proper; include seaweed and whales as well as fish, shellfish, and crustacea. Catch (since September 1945 from area authorized by SCAP which does not include some of the productive prewar fisheries), thousands of metric tons: Average 1930–34, 3,879; 1937, 4,479; 1938, 4,187; 1945, 1,810; 1946, 1,949. (NOTE.—Total production for 1945 and 1946 was higher, as some landings of marine products were unreported; the unreported landings were estimated as about 40–45 percent of total production in 1946).

Domestic Animals (Number in Thousands)

Kind	1937	1938	1946	1947
Cattle	1,826	1,894	1,898	1,989
Horses	1,204	1,143	1,049	1,054
Pigs	1,088	1,141	88	100
Goats	293	282	222	278
Sheep	90	114	196	239
Domestic fowls	51,266	48,396	15,369	[1] 18,000

[1] Estimated.

MINING AND MANUFACTURING

Mineral and Metal Production

Product	1930-1934, average	1937	1938	1946	1947
Coal ... 1,000 metric tons	31,176	45,264	48,684	20,376	27,240
Lignite ... do	120	120	144	2,352	2,820
Crude petroleum ... kiloliters	277,044	392,640	391,860	213,396	202,896
Sulfur (refined) ... metric tons	93,492	229,908	226,608	21,384	29,196
Copper ore (except copper pyrite)[1] ... do	(2)	49,500	(2)	17,136	21,888
Lead ore[1] ... do	6,588	11,532	12,264	4,248	5,832
Zinc ore[1] ... do	22,776	44,976	54,420	21,048	29,532
Iron ore ... do	286,608	584,004	765,996	548,820	496,440
Pyrite ... do	788,039	1,892,143	2,104,533	[3] 617,548	[4] 825,227
Aluminum (total) ... do	(2)	(2)	(2)	14,376	12,012
Primary ... do	(2)	11,088	15,360	3,192	2,700
Secondary ... do	(2)	(2)	(2)	11,184	9,312
Copper[5] ... do	72,564	86,724	95,244	23,268	36,816
Lead[5] ... do	5,592	10,392	11,112	4,980	8,364
Zinc[5] ... do	27,984	49,236	56,076	11,256	14,832
Tin ... do	1,020	1,704	1,752	108	48
Pig iron ... 1,000 metric tons	1,248	2,304	2,568	198	355
Crude steel ... do	2,748	5,796	6,468	552	936

[1] Metal content of ores mined. [2] Not available. [3] Year ended March 31. [4] Estimated.
[5] Smelter production. Probably includes some secondary production (from scrap), especially in the postwar period.

Production of Selected Manufactures

Product	1930-34, average	1937	1938	1940	1946	1947
Textiles						
Cotton yarn........1,000 lb..	1,157,964	1,586,484	1,222,668	915,492	129,228	269,204
Worsted yarn..........do....	55,020	98,904	62,484	38,256	6,984	6,181
Woolen yarn..........do....	39,204	48,996	55,992	50,796	21,192	20,083
Rayon yarn.............do....	81,168	335,964	213,900	216,096	9,024	16,352
Rayon staple............do....	1,224	175,500	327,204	285,816	20,628	19,250
Cotton fabrics...1,000 sq. yd..	3,244,848	4,826,004	3,297,000	2,624,004	241,704	662,300
Woolen and worsted fabrics 1,000 sq. yd..	263,688	279,612	265,968	75,660	22,932	21,141
Filament rayon..........do....	372,216	1,034,448	607,056	631,644	42,156	46,222
Spun rayon..............do....	1,080	262,620	958,260	450,900	30,192	32,040
Silk fabrics..............do....	391,999	439,300	403,700	621,000	42,200	37,600
Chemicals						
Sulfuric acid.....metric tons..	1,512,864	3,866,748	3,422,112	3,145,476	918,600	1,488,895
Soda ash..................do....	189,300	633,000	672,000	594,996	23,472	38,021
Caustic soda..............do....	84,636	340,752	440,760	410,400	28,560	43,368
Salt..........................do....	[1] 588,216	[1] 518,688	[1] 535,644	[1] 636,336	358,944	142,718
Ammonium sulfate[2].....do....	416,796	930,996	1,107,996	1,109,004	466,824	720,981
Calcium cyanamide[2]....do....	199,404	255,996	243,996	192,996	145,284	174,993
Calcium superphosphate[3].do..	1,020,792	1,583,100	1,239,996	1,640,004	171,216	708,932
Calcium carbide..........do....	231,612	357,228	350,724	356,952	204,612	239,775
Phenol......................do....	1,176	4,092	4,128	6,996	2,820	2,472
Wheat flour..........metric tons..	1,395,576	800,916	1,028,676	975,132	537,228	790,812
Camphor, crude..........do....	[4] 612	[1] 1,692	[1] 1,416	[1] 744	504	1,044
Tobacco, cut..............1,000 lb..	[5] 96,800	[1] 46,385	[1] 47,075	[1] 39,943	65,340	65,651
Cigarettes..................millions..	[5] 32,052	[5] 40,608	42,564	53,088	15,348	17,896
Cement........1,000 metric tons..	3,696	5,832	5,712	1,236	924	1,236
Pulp.......................short tons..	341,868	485,628	529,164	706,008	226,800	312,580
Paper..........................do....	819,744	1,381,620	1,213,560	1,432,152	232,560	316,411
Lumber..............1,000 bd. ft..	[5] 2,058,216	[1] 4,319,880	[1] 4,369,320	[1] 5,049,000	2,572,800	3,344,352
Sheet glass, cases of 100 sq. ft. 2mm thick..	2,570,472	4,069,704	3,047,712	3,570,444	754,560	1,190,881
Railway rolling stock						
Steam locomotives..number..	[5] 74	[1] 312	[1] 456	[1] 720	192	119
Electric locomotives....do....	[5] 14	[1] 24	[1] 36	[1] 24	24	47
Passenger cars...........do....	[5] 396	[1] 792	[1] 696	[1] 1,044	696	939
Freight cars...............do....	[5] 1,784	[1] 4,872	[1] 5,400	[1] 8,544	1,248	868
Industrial rolling stock						
Steam locomotives.......do....	[5] 36	60	96	[6] 216	108	106
Electric locomotives.....do....	[5] 12	12	24	[7] 84	36	47
Battery locomotives.....do....	0	36	60	[8] 180	60	133
Gasoline locomotives....do....	[5] 258	348	324	[8] 528	168	195
Freight cars...............do....	[5] 5,774	4,848	8,448	[8] 20,820	3,012	8,399
Sewing machines						
Household.................do....	[9] 37,200	51,588	69,468	77,196	16,548	69,124
Industrial..................do....	0	0	0	0	5,952	10,172
Motor vehicles (truck chassis, standard size and small cars) number..	[10]	19,920	31,944	40,632	21,300	10,983
Watches and clocks						
Watches..........thousands..	763	1,530	1,562	1,747	139	333
Clocks[11].....................do....	1,986	1,213	1,466	789	547	1,247
Machine tools[12]..........number..	[13] 7,816	[1] 21,876	[1] 67,284	[1] 58,104	4,788	5,730

[1] Year ending March 31.
[2] Converted to 20 percent N_2 content.
[3] Converted to 16 percent P_2O_5 content.
[4] Average 1932-34, years ending March 31.
[5] Average 1931-34, years ending March 31, except in the case of freight car production which is based on calendar years.
[6] Year 1942.
[7] Year 1943.
[8] Year 1941.
[9] Year 1936.
[10] Not available.
[11] Excludes electric clocks.
[12] Includes drilling, boring, milling, grinding, gear-cutting, and sawing machines, lathes, planers, shapers, slotters and miscellaneous machine tools.
[13] Average 1933-35.

NOTE.—1930-34 data included to indicate level of production prior to wartime economy and 1940 data to indicate peak production in some types of heavy manufacturing. Most of the figures have been derived by multiplying monthly average production figures by 12 to obtain annual figures. Data for 1947 represent actual production for the year.

Indexes of Industrial Production
(1930–34=100)

Item	1937	1938	1940	1941	1946	1947
Industrial production	164.4	176.6	195.3	201.5	32.5	40.9
Mining	142.0	151.2	173.9	171.4	65.4	84.9
Manufacturing	167.9	180.6	198.7	206.2	27.4	34.1
Textiles	133.2	124.1	101.1	79.4	13.5	19.5
Metals	203.2	226.1	256.1	270.2	20.5	34.5
Machinery	241.6	350.0	516.0	639.2	38.0	44.4
Chemicals	283.2	284.3	273.8	252.9	36.9	45.0
Food, beverages, and tobacco	104.8	105.6	105.0	89.9	54.2	43.8

Electric energy generation.—Output of public utilities, Government railways, and private plants with capacity of 500 kilowatts and over (millions of kilowatt-hours): Average 1931-34, 17,568; 1937, 28,008; 1938, 30,852; 1942, 37,860; 1946, 28,632; 1947, 32,454. (For years prior to 1946, data cover all public utilities; for 1946 and 1947 coverage is about 95 percent of total public utility generation. Data for 1946 and 1947 are for calendar years; other data are for years ended March 31.)

Employment.—Total employed in manufacturing on October 1, 1947 (15 years and over), 5,890,000 (gas, electricity, and water industry included in manufacturing). Factory workers in 1937 and 1938 reported as 3,407,000 and 3,855,000, respectively.

TRANSPORTATION AND COMMUNICATION

Roads.—Length of national and prefectural roads (miles): 1939, 76,570; 1947, 77,207, of which 40,812 were usable for motor traffic. In 1947, despite a relatively poor highway system, lack of motor vehicles, and inadequate supplies of motor fuel, motor trucks were hauling an average of 8,200,000 tons of freight a month on short hauls.

Statistics of Railways

Item		1937[1]	1947
Length of lines, total	miles	15,254	[2] 16,939
Locomotives	number	5,043	[3] 4,749
Passenger cars	do	15,500	[3] 9,999
Freight cars	do	84,173	[3] 98,463
Passengers carried	thousands	1,651,761	3,344,601
Freight carried	1,000 tons	119,401	108,781

[1] Year ended March 31.
[2] November 1945.
[3] September. Number in service; excludes the following under repair as of that date: Locomotives, 1,540; passenger cars, 1,400; freight cars, 6,754.

Civil Aviation in Prewar Years[1]

Item		1935	1936	1937	1938
Total distances of flight	1,000 miles	1,201	1,721	3,102	3,823
Passengers carried	number	12,560	16,769	45,334	68,427
Goods carried	metric tons	71	76	204	276
Mail matter carried	do	242	338	530	754

[1] Japan now has no civil aviation.

Coastwise shipping.—Cargo carried in Japanese-owned steel ships amounted to 4,672,000 tons in 1946 and 8,332,000 in 1947; cargo carried in Japanese-owned wooden ships amounted to 14,719,000 tons in 1946 and 23,833,000 in 1947. Water-borne cargo in coastwise shipping in 1947 estimated to be approximately 50 percent of the average volume in the years 1930-34.

Foreign-trade shipping.—Japanese shipping under U. S. Naval control has been permitted to engage in the foreign trade program of the Supreme Commander for the Allied Powers, and in 1947 Japanese ships carried from 100,000 to 150,000 tons a month. This shipping, however, has been confined largely to nearby Far Eastern areas (China, Korea, and Formosa).

Merchant marine.—In 1939 Japan had 2,337 vessels of 100 tons or over with a gross tonnage of 5,629,845. In 1947 Japan's merchant fleet (vessels over 100 gross tons) consisted of 897 operable steel ships with a gross tonnage of 1,349,510.

Entrances of Vessels in Foreign Trade
[Thousands of net registered tons]

Item	1932	1933	1934	1935	1936	1937	1938	1939
Number of vessels	17, 395	18, 864	19, 876	21, 916	23, 033	21, 736	18, 958	21, 761
Capacity (1,000 net registered tons)	56, 038	61, 629	65, 961	73, 808	76, 646	72, 886	62, 274	65, 661

Capacity of Vessels Entering by Flag and Port

Country of flag	1936	1937	1938	1939	Port	1936	1937	1938	1939
Japan	45, 573	41, 161	36, 659	44, 020	Yokohama	12, 272	12, 299	10, 552	10, 240
United Kingdom	10, 497	11, 053	9, 943	7, 311	Kobe	17, 289	16, 266	13, 883	13, 907
China	3, 340	3, 933	2, 311	1, 618	Osaka	10, 922	10, 382	8, 196	8, 674
Netherlands Indies	1, 075	1, 100	993	796	Nagoya	6, 507	5, 993	4, 995	4, 787
Germany	1, 687	1, 637	1, 460	1, 062	Nagaski	1, 503	1, 466	1, 128	1, 239
Norway	3, 138	3, 647	3, 377	2, 477	Moji	10, 824	10, 437	3, 997	9, 970
United States	3, 080	2, 419	1, 162	1, 050	Shimizu	1, 918	1, 791	1, 612	1, 643
Denmark	557	738	748	898	Wakamatsu	2, 677	2, 397	2, 248	3, 013
Sweden	438	498	563	440	Miiki	2, 672	2, 458	2, 216	2, 247

Communications.—At the end of 1947 telephones in Japan numbered 1,148,149. In 1946, telephone conversations, including local, toll, and long-distance messages, totaled 2,604,000,000, and telegrams, including inland and outgoing international messages, numbered 74,145,000. Post offices in Japan as of December 31, 1947 totaled 13,838.

Postal, Telegraph, and Telephone Statistics, Years Ended March 31

Item		1936	1937	1938	1939
Postal service:					
Number of offices		11, 253	11, 667	12, 621	[1] 12, 803
Pieces of mail received[2]	millions	4, 901	4, 934	5, 032	4, 844
Telegraph:					
Length of line	miles	31, 618	31, 257	30, 888	20, 629
Length of wire[3]	do	234, 272	230, 180	233, 663	232, 673
Messages[4]	thousands	130, 630	136, 289	153, 056	195, 622
Telephones:					
Length of wire[3]	1,000 miles	4, 185	4, 391	4, 733	4, 864
Number of subscribers	thousands	1, 132	1, 197	1, 305	1, 368

[1] As of September 1939.
[2] Excludes parcel post.
[3] Includes length of cores of aerial and underground lines and overhead and submarine cables.
[4] Domestic and foreign telegrams received and dispatched.

FOREIGN TRADE

Prewar trade figures have been adjusted to include imports into Japan from Korea and Taiwan (Formosa) and exports from Japan to those former empire areas, although Japanese trade statistics did not show trade with them, as foreign trade. Statistics for this trade were taken from Korean and Formosan trade data.

Imports are valued c. i. f., and exports f. o. b. Japan.

Conversions to dollars for prewar years have been made at the prevailing average exchange rates. Trade figures for 1946 and 1947 were reported in dollars.

Value of Imports and Exports

Year	Thousands of yen		Thousands of dollars	
	Imports	Exports	Imports	Exports
1934	2, 969, 705	2, 788, 538	882, 596	828, 753
1935	3, 272, 330	3, 276, 028	939, 486	940, 548
1936	3, 640, 622	3, 584, 726	1, 056, 509	1, 040, 287
1937	4, 765, 881	4, 188, 727	1, 372, 097	1, 205, 935
1938	4, 048, 285	4, 825, 649	1, 151, 737	1, 372, 897
1939	3, 910, 068	4, 276, 702	1, 015, 054	1, 110, 232
1946	----------	----------	[1] 305, 393	[1] 103, 292
1947	----------	----------	526, 139	173, 568

[1] September 1945 - December 1946.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports			Exports		
	1937	1946[1]	1947	1937	1946[1]	1947
Total	**1,372,097**	**305,393**	**526,139**	**1,205,935**	**103,292**	**173,568**
United States	365,501	297,688	483,520	184,101	77,437	20,090
Canada	30,141	------	19	5,768	------	301
France	8,028	------	------	13,591	------	84
Germany	50,860	------	------	12,455	------	------
Sweden	14,187	------	235	3,324	------	4,251
Turkey	811	------	------	793	------	15,371
United Kingdom	30,453	345	9,229	48,449	993	20,313
U. S. S. R.	3,899	------	2,004	8,058	24	140
China	41,353	4,816	5,018	51,606	4,742	10,162
Taiwan (Formosa)	118,114	(2)	(2)	80,006	(2)	(2)
Hong Kong	1,535	2,065	4,438	14,150	3,964	14,061
India	129,283	------	9,743	86,188	------	8,429
Indonesia	44,184	------	1,304	57,595	------	23,457
Korea	164,807	454	2,471	211,726	14,800	18,935
Kwantung	13,013	(2)	(2)	113,985	(2)	(2)
Malaya	38,808	------	5,025	20,820	------	4,115
Manchuria	71,708	(2)	(2)	62,212	(2)	(2)
Philippines	13,011	------	2,317	17,374	------	1,176
Thailand	3,907	------	------	14,217	------	6,132
Australia	47,576	------	728	20,752	495	4,846
New Zealand	14,001	------	19	5,573	------	76
Anglo-Egyptian Sudan	1,687	------	------	4,552	------	3,961
Egypt	21,339	------	------	9,435	------	214
Kenya, Uganda, and Tanganyika	6,958	------	------	11,551	------	1,406
Nigeria	8	------	------	4,227	------	913
Union of South Africa	25,581	------	------	15,474	------	------
Other countries	111,344	25	69	127,953	837	15,135
Percent of total:						
United States	26.6	97.5	91.9	15.3	75.0	11.6
United Kingdom	2.2	.1	1.8	4.0	1.0	11.7
China	3.0	1.6	1.0	4.3	4.6	5.9
Taiwan	8.6	(2)	(2)	6.6	(2)	(2)
Hong Kong	.1	.7	.8	1.2	3.8	8.1
India	9.4	------	1.9	7.1	------	4.9
Indonesia	3.2	------	.2	4.8	------	13.5
Korea	12.0	.1	.5	17.6	14.3	10.9
Kwantung	.9	(2)	(2)	9.5	(2)	(2)
Malaya	2.8	------	1.0	1.7	------	2.4
Manchuria	5.2	(2)	(2)	5.2	(2)	(2)
Australia	3.5	------	.1	1.7	.5	2.8

[1] September 1945 - December 1946.

[2] Included with China.

Imports and Exports of Principal Commodities

Commodity	Value (thousands of dollars)		
	1937	1946[1]	1947
Imports, total	**[2] 1,372,097**	**305,393**	**526,139**
Food and products	246,330	170,157	295,200
Textile fibers and manufactures:			
Cotton, raw	247,430	105,054	70,000
Other	108,265	916	12,900
Petroleum and products	[3] 86,160	10,473	38,000
Fertilizer and fertilizer materials	32,333	9,553	67,200
Salt	8,639	4,656	12,100
Ores and metals	291,448	(4)	[5] 300
Other imports	313,398	4,584	30,439
Exports, total	**[2] 1,205,934**	**103,292**	**173,568**
Cotton fabrics	180,536	198	85,400
Silk, raw	117,209	56,930	10,800
Cotton yarn	15,807	2,552	17,700
Silk fabrics	23,836	195	6,409
Coal	6,689	9,940	8,130
Machinery	49,793	957	7,100
Metals and ores	63,309	14,567	4,774
Rayon yarn and fabric	52,047	1,188	6,000
Other exports	696,708	16,765	27,255

[1] Figures shown are for the period September 1945—December 1946.
[2] Includes trade with Korea and Taiwan.
[3] Oils, fats, and waxes.
[4] Not available.
[5] Iron ore only.

FINANCE

Government Receipts and Expenditures [1] (Thousands of Yen)

Item	Fiscal years ended March 31			
	1938	1939	1947	1948[2]
Ordinary revenues:				
Income tax	478,488	[3] 732,791	69,044,000	146,371,000
Land tax	58,456	51,531		
Business profits tax	91,261	105,280		
Liquor tax	241,460	278,669	23,870,000	45,776,000
Sugar excise	95,229	145,892		
Customs duties	184,964	166,423		
Other taxes	179,567	209,979	8,002,000	23,649,000
Stamp receipts	93,284	91,440	991,000	(4)
Posts, telegraphs and telephones	81,000	81,500		
Monopoly profits	257,587	261,308	51,265,000	94,353,000
All other ordinary receipts	184,702	207,141	45,674,000	52,405,135
Corporation tax			6,300,000	13,000,000
Estate tax			361,000	
Commodities tax			7,845,000	17,508,000
Sales tax				21,400,000
Total	1,945,998	2,331,954	213,352,000	414,462,135
Extraordinary receipts	273,068	372,235		
Total revenue	[5] 2,219,066	[5] 2,704,189	213,352,000	414,462,135
Ordinary expenditures:				
Debt service	399,523	502,425	7,568,000	7,552,850
National defense	433,655	417,540		
Public instruction	133,315	133,432	7,374,000	21,398,447
Agriculture and forestry	34,505	38,427	4,109,000	6,378,936
Communications	184,130	196,952	4,115,000	[6] 6,100,638
All other ordinary expenditures	224,123	304,016		
Total	1,409,251	1,592,792		
Extraordinary expenditures:				
Home affairs	226,438	245,915		
National defense	803,185	749,206		
Agriculture and forestry	80,847	94,291		
All other extraordinary expenditures	189,437	605,825		
Total	1,299,907	1,695,237		
Occupation and other war termination expenditures			64,273,000	92,600,000
Price subsidies			23,853,000	51,500,000
Other subsidies			25,750,000	43,779,979
Public works			14,746,000	43,517,000
Social welfare			12,735,000	16,491,926
All other			49,733,000	125,142,359
Total expenditures	2,709,158	3,288,029	399,380,000	414,462,135

[1] Changes in budget item designations in the postwar period from those used in the prewar period and addition of new items result in a lack of icomparability for some receipts and expenditures. Where data are not comparable blanks have been left.

[2] Preliminary budget estimate.

[3] Classified as tax on special corporations for the year, but presumably includes individual income taxes since no separate item is set forth for individual income tax receipts in the statement for the year.

[4] Included in other taxes for the year.

[5] Excludes proceeds of loans and transfer of balance brought forward from previous years. The Japanese Government statements for these years include these items in receipts giving totals of 2,914,470 thousand yen and 3,594,978 thousand yen for 1937 and 1938, respectively.

[6] Includes expenditures for Government transportation facilities.

Public Debt (Millions of Yen)

March 31—	Total debt	Funded debt			Unfunded debt[2]
		Total	Internal	External[1]	
1938	13,353	12,816	11,516	1,300	537
1940	23,625	22,885	21,628	1,257	740
1942	41,784	40,469	39,248	1,221	1,315
1944	85,113	77,554	76,660	894	7,559
1946	201,990	140,809	139,922	887	61,181
1947	265,851	173,136	172,249	887	68,215
1948	[3] 360,817	209,462	208,581	881	145,656

[1] With one exception these were bonds issued in foreign currencies. In converting these to yen values, the Japanese Government uses gold par rates in effect in 1923 as follows: $1 = 2.007 yen; £ 1 = 9.767 yen, 1 franc = .387 yen. The face value of the bonds outstanding since September 1945 has been: $67,584,000; £60,884,476; 400,238,000 francs; and 1,808,500 yen.

[2] Includes treasury bills, food, silk and fuel certificates, and "government borrowings." These latter borrowings consisted in November 1946 of 49.1 billion yen for military operations during the war; 14.1 billion yen for wartime purchases and in payment of war damage claims; 4.0 billion yen for current operation of the special accounts from the Bank of Japan and the Deposit Bureau of the Ministry of Finance; and 9.7 billion yen of debt incurred for expenditures resulting from the occupation.

[3] Total as given in source. Items do not add to this figure.

Currency and exchange.—The unit of currency is the yen. Since the end of the war Japan has experienced a marked currency inflation. By February 1946 yen issues had reached 61.8 billion. A currency conversion was undertaken in February-March 1946 and brought the total "new yen" circulation to 15.2 billion in March 1946. Continuing Government deficits and the failure of new money to return to the banks, however, forced an immediate resumption of the upward trend. By December 31, 1946, circulation had reached ¥93 billion, and during 1947 the note issue rose to ¥151 billion by the end of August and ¥219 billion by end of December.

A postwar commercial exchange rate has not yet been established for the Japanese yen. Japanese nationals do not have access to foreign exchange, as all of Japan's foreign exchange funds are controlled by the Supreme Commander for the Allied Powers (SCAP). A military conversion rate has been established for the use of occupation personnel in Japan, for remittances to Japan, and for payment of yen expenses of firms authorized by SCAP to operate in Japan. This rate was 270 yen to US $1 as of July 1948. During 1937 and 1938 the average exchange rate for the yen (cable transfers, New York on Tokyo) was $0.2879 and $0.2845, respectively.

Bank of Japan note issue (thousands of yen), end of December: 1937, 2,305,071; 1938, 2,754,923; 1946, 93,397,652; 1947, 219,141,577.

Bank of Japan—Assets and Liabilities (Millions of Yen)
[End-of-year figures]

Item	1938	1940	1946	1947
Assets:				
National Government securities	1,841	3,949	34,722	113,341
Reconstruction Finance Bank bonds	----	----	----	32,336
Advances to Government	3	3	19,732	55,017
Loans	509	819	50,430	32,302
Cash and bullion	548	515	1,418	2,856
Agency accounts	165	353	3,688	2,714
Other assets	396	487	5,003	16,104
Total[1]	3,462	6,126	114,993	254,670
Liabilities:				
Note issue	2,755	4,777	93,398	219,142
Government deposits	286	738	6,463	6,703
Other deposits	135	235	10,870	20,952
Paid capital, reserves and surplus	185	204	834	2,074
Other liabilities	101	172	3,428	5,799
Total[1]	3,462	6,126	114,993	254,670

[1] Excludes unpaid capital.

Bank Deposits (Millions of Yen)
[End-of-year figures]

Bank	1937	1938	1946	1947
Bank of Japan	424	421	17, 333	27, 655
Special banks	1, 312	2, 072	11, 786	15, 199
Ordinary banks	[1] 12, 352	[1] 15, 191	124, 706	208, 886
Savings banks	2, 105	2, 571	8, 377	10, 291
Post-office savings banks	3, 686	4, 375	53, 002	51, 436

[1] Figures for 1937 and 1938 are for all banks in Japanese Empire and include their foreign branches.

PRINCIPAL SOURCES

The Japan Yearbook, 1939–40, 1944–45.

The Oriental Yearbook, 1942.

Summation of Non-Military Activities in Japan (monthly), SCAP (Supreme Commander for the Allied Powers), various issues, 1946–August 1948.

Japanese Economic Statistics, (monthly) Economic and Scientific Section, SCAP, various issues, March 1948–February 1949.

Natural Resources Section, SCAP, various reports including Outlook for Japanese Agriculture, Crop Statistics for Japan, 1878–1946, Japanese Fisheries Production, 1908–1946 and Natural Resources of Japan.

Civil Transportation in Japan, Civil Transportation Section, SCAP, August 1947.

Fortieth Financial and Economic Annual of Japan, 1940, Dept. of Finance, Japanese Government.

Financial Statistics Monthly, Bank of Japan, Feb. and Sept., 1948.

Monthly Return of the Foreign Trade of Japan, various issues of 1938 and 1939.

Annual Return of the Foreign Trade of Japan, 1937.

REPUBLIC OF KOREA

From the time of annexation by Japan in 1910 until VJ-day, Korea was a part of the colonial empire of Japan. After VJ-day Korea was divided at the 38th parallel into two parts for purposes of liberation and for repatriation of the Japanese army. Southern Korea was entrusted to the control of the United States and northern Korea to the U. S. S. R. Subsequently, two separate Korean governments were established, one in the south and one in the north. The Government of the Republic of Korea, which has actual authority over only the southern part of the country, was established in August 1948 and was recognized by the United Nations General Assembly in December 1948 and by the United States on January 1, 1949. In the section which follows most of the data shown for 1937 and 1938 are for all of Korea, whereas those for 1946 and 1947 are for the area south of the 38th parallel unless otherwise specified.

AREA AND POPULATION

Prewar area of Korea (Chosen), 85,228 square miles. Area south of 38th parallel, approximately 37,000 square miles.

Population of southern Korea, 1947 estimate, 19,698,547; 1946 (census of August 25), 19,369,270. Korea, 1938, 22,633,751 (including 633,320 Japanese and 49,815 other foreigners); 1937, 22,355,485.

Population by occupation (thousands of persons): Data for 1938, Agriculture, forestry and fishing, 16,994; manufacturing, 698; commerce and transportation, 1,821; civil and professional occupations, 892; others, 1,833. 1946: Agriculture, forestry and fishing, 15,202; mining, 57; manufacturing, 67; commerce and transportation, 1,170; civil and professional occupations (listed as public occupations), 1,100; others, 1,000.

Population of Principal Cities

City[1]	1937	1938	1946	1947
Southern Korea:				
Seoul or Kyongsong (Keijo)	706, 396	737, 214	1, 141, 766	1, 178, 951
Inch'on or Chemulpo (Jinsen)	102, 473	108, 774	215, 784	223, 485
Taegu (Taikyu)	110, 866	172, 040	269, 113	(2)
Pusan (Fusan)	213, 142	213, 744	400, 156	(2)
Mokp'o (Moppo)	62, 457	65, 572	103, 081	(2)

City[1]	1937	1938
Northern Korea:		
P'yongyang (Heijo)	185, 419	234, 726
Wonsan (Genzan)	63, 996	67, 363
Sinuiju (Shingishu)	51, 347	52, 384

[1] Japanese names are given in parentheses. [2] Not available.

Number of Schools and School Enrollment

	All Korea				Southern Korea only			
	1937		1938		1946		1947	
	No. of schools	Enrollment	No. of schools	Enrollment	No. of schools	Enrollment	No. of schools	Enrollment
Elementary schools	3,139	957,595	5,737	1,886,052	(1)	1,613,826	3,312	2,109,002
High schools	96	42,940	143	65,717	(1)	99,880	217	118,807
Colleges and universities	16	4,502	16	4,768	(1)	10,880	25	13,827
Technical schools	(1)	(1)	(1)	(1)	(1)	(1)	176	96,484
Business schools	72	20,323	71	20,091	(1)	(1)	(1)	(1)
Normal schools	6	3,758	8	4,959	(1)	(1)	19	10,343
Other schools[2]	1,411	182,331	(1)	(1)	(1)	493,789	8,703	773,677
Total	4,740	1,211,449	5,975	1,981,587	[3] 3,491	2,218,375	12,452	3,122,140

[1] Not available.
[2] "Folk schools" to teach adults to read and write are included in 1946 and 1947.
[3] Does not include "folk schools."

Illiteracy estimated as about 42 percent of the population 13 years of age or more in August 1946 and at 29 percent in August 1947.

AGRICULTURE AND FISHING

Land distribution.—Area (thousand acres) and percent of total (in parentheses): 1946, arable land, 6,033 (24); forest, 18,390 (74); other and wasteland, 552 (2); total, 24,975 (acreages given are approximations and the total is somewhat larger than the estimated total land area south of the 38th parallel). All Korea, 1938, arable land, 12,150 (22); forest, 40,020 (74); wasteland, 2,376 (4).

Principal Crops: Area and Production

Crop	Planted area (acres)				Production (in units as indicated)				
	1937	1938	1946	1947[1]	Unit	1937	1938	1946	1947[1]
Rice[2]	4,016,984	4,067,821	2,712,119	2,752,352	1,000 bu.	255,361	230,031	114,803	135,317
Barley	[3] 3,554,762	[3] 3,617,459	998,750	1,049,908	do	67,484	51,100	24,843	20,981
Naked barley	(4)	(4)	472,979	499,759	do	10,218	12,568	8,892	8,561
Wheat	(4)	(4)	203,317	216,463	do	11,193	11,367	2,485	2,469
Rye	(5)	(5)	72,097	114,377	do	3,348	2,970	826	1,340
Oats	(5)	(5)	2,622	2,794	do	28,646	22,787	31	32
Millet[6]	(5)	(5)	345,576	410,554	do	43,432	38,491	4,486	6,300
Soybeans	1,986,053	1,879,655	555,500	563,188	do	23,494	21,318	5,453	5,110
Red beans	563,661	(5)	63,412	69,740	do	4,903	4,382	396	432
Sweet potatoes	(5)	(5)	96,447	95,969	do	10,057	12,364	10,587	10,257
Potatoes	(5)	(5)	107,664	117,594	do	29,484	25,608	7,935	9,403
Cotton	546,506	(5)	312,474	301,961	1,000 lb.	317,846	278,271	126,854	92,871
Hemp	62,738	(5)	21,831	(5)	do	39,769	35,179	68,572	(5)
Ramie	(5)	(5)	560	(5)	do	1,154	733	1,657	(5)
Tobacco	45,759	48,289	20,223	40,218	do	59,251	64,542	18,272	44,092
Ginseng	308	(5)	816	3,152	do	1,434	1,223	2,187	6,216
Perilla seed	(5)	(5)	11,744	(5)	do	407	377	4,570	(5)
Sesame	(5)	(5)	11,538	(5)	do	322	296	4,676	(5)
Mulberry, cocoon	(5)	(5)	86,191	71,288	do	49,687	48,266	12,902	13,958
Mulberry, paper	(5)	(5)	7,629	(5)	do	16,177	14,538	7,308	(5)
Apples and pears	(5)	(5)	52,075	33,542	do	208,008	202,501	134,493	85,379

[1] Acreage data for 1947 estimated for all crops except rice, barley, wheat, rye, cotton and cocoon mulberry; production data for 1947 estimated for all crops except rice, barley, wheat, rye and cotton.
[2] Production figures are in rough rice (converted from brown rice).
[3] Includes naked barley and wheat which, like barley, are grown chiefly in the winter season.
[4] Included with barley.
[5] Not available.
[6] Includes Italian, barnyard, and glutinous millet.

Fishery Catch (Metric Tons)

Item	1937	1938	1946[1]	1947[1]
Fish	1, 964, 993	1, 596, 035	250, 990	264, 281
Shellfish	25, 611	26, 333	29, 528	5, 336
Other sea animals	70, 473	61, 492	(2)	24, 652
Seaweeds	54, 708	75, 240	[3] 14, 764	7, 683
Total	2, 115, 785	1, 759, 100	295, 282	301, 952

[1] Total fishery catch of Southern Korea in 1937 and 1938 is estimated as 637,000 and 629,000 metric tons, respectively.
[2] Included in seaweeds.
[3] Includes other sea animals.

MINING AND MANUFACTURING

Mineral and Metal Production

Product[1]	1937[1]	1938[1]	1946[2]	1947[2]
Gold ... kilograms	[3] 22, 848	[3] 27, 738	[4] 34	[4] 223
Silver ... do	75, 568	88, 169	(5)	[6] 725
Copper ... metric tons	4, 900	5, 828	14	[7] 128
Tungsten ... do	1, 590	2, 625	289	1, 186
Zinc ... do	7, 200	9, 167	(5)	[8] 360
Lead ... do	6, 400	6, 086	(5)	[8] 548
Coal, anthracite ... do	1, 113, 330	1, 723, 290	[9] 236, 728	[9] 353, 832
Coal, lignite ... do	(5)	(5)	[9] 24, 507	[9] 36, 101
Graphite ... do	41, 128	57, 318	204	2, 729

[1] In addition, Korea produced alunite, antimony, arsenic, asbestos, barite, bituminous coal, fluorspar, iron ore, kaolin, magnesite, mica, molybdenite, pyrite, pyrophyllite, and silica sand. Much of that mineral production, however, was in northern Korea.
[2] Southern Korea only.
[3] Gold lode and placer.
[4] Metal content.
[5] Not available.
[6] Refined, grade-pure, metal content, May–December.
[7] Metal content; May–December.
[8] Concentrate; June–December.
[9] Coal mined in Government-financed mines only.

Principal Manufactured Products [1]

Product		1946	1947
Textiles:			
Cotton yarn	metric tons	3,965	5,588
Cotton cloth	1,000 yards	34,003	31,717
Silk cloth	do	(2)	5,674
Rubber goods:			
Rubber shoes	1,000 pr	(2)	5,393
Bicycle tires	number	(2)	52,499
Machinery and hardware:			
Transformers	sets	2,645	2,470
Electric motors	do	916	1,088
Storage batteries	do	1,368	2,711
Electric bulbs	1,000 pieces	2,275	3,711
Nails	metric tons	[3] 285	1,705
Ceramics:			
Cement	do	[4] 10,696	18,000
Bricks, common	do	[4] 18,557	40,641
Firebricks	do	[4] 4,250	4,998
Pottery and porcelain	1,000 pieces	(2)	4,341
Chemicals:			
Coal briquets	metric tons	[4] 105,000	201,135
Coke	do	[4] 9,000	20,373
Carbide	do	(2)	2,581
Foodstuffs:			
Flour	do	22,036	22,253
Noodles	do	1,484	3,628
Other products:			
Salt	do	80,866	70,517
Cigarettes	do	1,710	3,364
Cut tobacco	do	11,992	5,518
Paper (machine-made)	do	3,885	3,213

1 Includes only factory production as reported. In some cases total factory production is known to be somewhat higher than indicated here. In addition, household industries, for which no data are available, produce considerable quantities of some products.
2 Not available.
3 Three months-production only (October–December).
4 Five months-production only (August–December).

Electric Power Consumed by Various Industries (Thousands of Kilowatt-Hours)

Industry	1937	1938	1946[1]	1947[1]
Textile industries	11,386	30,565	9,137	11,912
Metals	14,088	27,362	2,119	2,482
Machines and tools	9,843	11,325	6,878	19,601
Ceramics	8,269	16,506	1,983	1,786
Chemical industries	1,683,601	2,057,022	7,136	7,875
Lumber	5,851	7,502	3,927	2,559
Printing and bookbinding	2,249	925	(2)	(2)
Food processing industries	32,961	45,520	19,832	20,695
Other industries[3]	140,179	216,512	47,324	63,378
Total	1,908,427	2,413,239	[4] 98,336	[4] 130,288

1 Southern Korea only; much of the power used in southern Korea was, however, generated in northern Korea.
2 Not available.
3 Includes mining, agriculture, and fishing, as well as other manufacturing industries.
4 Total of items listed.

TRANSPORTATION AND COMMUNICATION

Roads.—Korean roads totaled 17,231 miles in 1937 and 17,328 in 1938. Mileage figures for southern Korea for 1946 and 1947 are not available.

Vehicles in operation, 1947, with 1946 figures in parentheses: Trucks, 671 (831); busses, 278 (503); taxicabs, 185 (200). Traffic handled, 1947, with 1946 figures in parentheses: Freight hauled by trucks (thousand metric tons), 1,260 (1,331); bus passengers (thousands), 7,360 (9,625); taxicab passengers (thousands), 304 (333).

Railway system.—The railways, which form the main traffic arteries of Korea, suffered several years of wartime neglect. Although there has been improvement in the condition of railroads in southern Korea during the period of occupation and relatively heavy traffic has been carried, replacements and repairs have been inadequate.

Statistics of Railways, Years Ended March 31

Item	1938	1939	1947[1]	1948[1]
Length of line ... miles	[2] 2,322	3,391	1,892	2,145
Locomotives[3] ... number	(4)	(4)	545	653
Passenger cars ... do	(4)	(4)	(4)	[2] 1,251
Freight cars ... do	(4)	(4)	(4)	[2] 9,328
Passengers carried ... thousands	47,300	[2] 45,054	[2] 48,765	[2] 53,968
Freight carried ... 1,000 metric tons	14,000	[2] 15,159	[2] 3,460	[2] 4,738

[1] Southern Korea only.
[2] Statistics are for Government railways only. In postwar years private railways, which were important in prewar years, have gradually been unified with Government railways; this consolidation was completed in August 1948.
[3] Total number, including those in need of repair.
[4] Not available.

Civil aviation.—In 1936 Korean air lines made 2,339 flights, carrying 1,922 passengers, 5,000 tons of freight, and 130,000 pieces of mail. In the prewar period regular air service was in operation connecting Japan, Manchuria, and China with Korea and in 1941 there were about 15 commercial airfields in Korea. All Korean air lines, except one, were in the hands of companies registered in Japan and owned by Japanese. In 1947 Kimpo Airport (near Seoul) was designated as a trade port of entry for southern Korea.

Shipping.—Merchant marine, 1947: 44 ships including the fleet of the Interim Government of southern Korea. Gross cargo tonnage carried by Korean ships in 1946 and 1947 was 435,346 and 633,324, respectively.

Postal, Telegraph, and Telephone Statistics, Years Ended March 31

Item	1937	1938	1947[1]	1948[1]
Postal service:				
Number of offices	926	993	642	623
Pieces of mail[2] ... millions	726	700	155	(3)
Telegraphs:				
Number of offices	910	967	[4] 87	[4] 50
Length of line ... 1,000 miles	5,435	5,507	4,350	4,350
Length of wire ... do	28,004	29,652	(3)	(3)
Messages[5] ... thousands	17,892	20,570	(3)	[4] 4,209
Telephones:				
Number of offices	791	829	43	43
Length of wire ... miles	136,260	159,398	[6] 9,851	[6] 10,995
Messages ... thousands	292,608	279,112	(3)	62,361

[1] Southern Korea only.
[2] Mail accepted and delivered, excepting parcel post.
[3] Not available.
[4] Includes wireless.
[5] Messages sent and received, including duplications.
[6] Length of pole line.

FOREIGN TRADE

Most of the foreign trade of southern Korea in the years 1946 and 1947 was on a government-to-government level, total Government imports (including Military Stock Transfers and Foreign Liquidation Commission deliveries) being valued at $49,495,614 in 1946 and $190,853,351 in 1947. The reported value of private imports in 1946 and 1947 (in thousands of won) was 168,406 and 2,088,125, respectively. Government exports in 1946 and 1947 were valued (in thousands of dollars) at 360 and 4,996, respectively, while private exports (in thousands of won) were reported at 47,900 and 1,111,133.

The following tables show trade on a government level only, and the import figures, showing civilian supply imports financed with United States Government appropriated funds and procured under the Japan Open Account, do not include Military Stock Transfers or Foreign Liquidation Commission deliveries. Military Stock Transfers amounted to $1.86 million in 1946 and $2.65 million in 1947; materials delivered under the FLC program were valued at $15.48 million in 1947.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports		Exports	
	1946	1947	1946	1947
Total	**47,636**	**172,723**	**360**	**4,996**
United States	32,610	139,574	----	2,076
Germany	----	2,269	----	----
Japan	15,026	20,844	360	2,528
Hong Kong	----	----	----	329
Burma	----	3,713	----	----
Thailand	----	2,863	----	----
Philippines	----	1,231	----	----
Australia	----	2,229	----	----
Other countries	----	----	----	63
Percent of total:				
United States	68.5	80.8	----	41.6
Germany	----	1.3	----	----
Japan	31.5	12.1	100.0	50.6
Hong Kong	----	----	----	6.6
Burma	----	2.1	----	----
Thailand	----	1.7	----	----
Philippines	----	.7	----	----
Australia	----	1.3	----	----

NOTE.—The figures represent government-level trade, excluding Military Stock Transfers and Foreign Liquidation Commission deliveries.

Imports and Exports of Principal Commodities

Commodity	Unit	Quantity		Value (thousands of dollars)	
		1946	1947	1946	1947
Imports, total		----	----	**47,636**	**172,723**
Wheat	1,000 lb.	324,777	350,778	16,242	21,374
Flour	do.	38,424	179,964	2,538	14,458
Barley	do.	(1)	339,458	(1)	20,605
Rice	do.	(1)	85,702	(1)	11,274
Corn	do.	35,181	34,480	1,759	2,069
Salt	do.	16,535	200,310	113	4,093
Coal	short tons	692,701	754,986	7,541	8,963
Petroleum products		----	----	4,494	5,227
Ammonium nitrate	1,000 lb.	57,952	288,767	5,084	26,101
Potassium sulfate	do.	19,165	15,148	1,558	1,231
Superphosphate	do.	(1)	237,901	(1)	3,436
Wool, raw	bales	(1)	2,814	(1)	2,229
Clothing, footwear, yarn, and textiles		----	----	1,674	25,832
Motor vehicles and parts		----	----	2,269	539
Railroad rolling stock		----	----	1,566	8,417
Other		----	----	2,798	16,855
Exports, total		----	----	**360**	**4,996**
Graphite	1,000 lb.	11,762	27,194	165	282
Lead concentrates	do.	----	1,362	----	124
Lead ingots	do.	----	3,353	----	503
Lead base bullion	do.	----	597	----	182
Copper ingots	do.	----	2,205	----	419
Tungsten concentrates	do.	----	1,728	----	866
Magnesia clinker	do.	8,733	11,255	168	153
Pig iron	short tons	----	8,454	----	268
Zinc concentrates	1,000 lb.	----	2,579	----	205
Laver	do.	----	486	----	1,322
Red ginseng	pounds	----	4,409	----	225
Other		----	----	27	447

[1] Not available.

NOTE.—The figures represent government-level trade, excluding Military Stock Transfers and Foreign Liquidation Commission deliveries.

FINANCE

Currency and exchange.—Southern Korea has experienced a marked currency inflation since liberation, September 1945. The note issue of the Bank of Chosun rose from 8.8 billion won in October 1945 to 10.3 billion in July 1946, 18.3 in January 1947, and 33.4 in December 1947.

During 1937 and 1938 the average exchange rates for the yen, official tender of Korea at that time, were $0.2879 and $0.2845, respectively. During the postwar occupation of South Korea the name was changed from yen to won (Korean word for yen).

A postwar commercial exchange rate has not yet been established for the Korean won. For the purposes of the occupation, however, a military rate was established. This rate was 15 won to US$1 until March 1947, when it was changed to 50 won to the dollar. As of October 1, 1948, the military rate was 450 won to US$1.

The Korean Foreign Exchange Bank, which was created in July 1947 to aid in effective financing of Korea's foreign trade, has been extremely limited in its functions.

Receipts and Expenditures of the Interim Government of Southern Korea (Thousands of Won)

NOTE.—Fiscal years ending March 31.

Item	1947	1948
Revenue:		
Taxes and customs	826,041	3,278,364
Government enterprises, total	4,086,107	11,687,944
Monopoly	2,707,974	7,294,499
Transportation	1,233,691	3,778,927
Communication	144,442	614,518
Fines, etc.	179,577	313,202
Other revenue	19,636	55,505
Total revenue	5,111,362	15,335,015
Expenditures by Departments:		
Administration	93,150	362,609
Foreign Affairs	2,798	14,333
Public Information	2,652	56,331
Civil Service	3,166	14,307
Agriculture	606,554	1,383,495
Communications	605,852	730,236
Education	1,021,619	1,652,065
Internal Security	845,257	1,978,134
Justice	569,558	999,333
Commerce	422,208	639,082
Police	1,143,802	2,016,519
Public Health	687,346	876,305
Transportation	1,912,337	4,045,123
Finance	229,170	771,480
Provincial Affairs	1,401,831	1,280,753
Monopoly Bureau	1,403,831	3,807,719
Food Administration	3,098,319	320,394
Labor	1,540	20,400
Public Works	431,718	718,286
Youth Movement	4,993	23,692
Housing Administration	1,875	18,705
Other	5,797	197,383
Total expenditures	[1] 14,494,508	21,926,684

[1] Figures given do not add to this total but are as reported in source.

Receipts and Expenditures of Government-General of Korea (Thousands of Yen)
Fiscal years, ended March 31.

Revenue	1938	1939
Ordinary:		
Taxes	81,590	97,947
Stamp receipts	19,787	22,390
Receipts from Government undertakings and properties	235,939	285,695
Miscellaneous receipts	3,945	4,355
Total ordinary revenue	341,261	410,387
Extraordinary:		
Proceeds from sale of state property	127	120
Receipts from the issue of public loans or borrowings	51,004	83,320
National Treasury grants	12,914	12,909
Transfer of the surplus from preceding year	60,021	63,681
Special profits tax	2,840	7,902
Traveling tax	--------	780
Taxes on commodities	--------	5,929
Other extraordinary revenue	2,540	5,247
Total extraordinary revenue	129,446	179,888
Total revenue	470,709	590,275

Expenditures	1938	1939
Ordinary:		
Royal household	1,800	1,800
Government-General	6,055	7,226
Judicial affairs	4,186	4,517
Prisons	6,376	7,366
Local governments	28,431	29,174
Educational institutions and libraries	4,032	4,585
Corn experiment station	1,879	1,973
Custom houses	1,488	1,639
Forestry stations	7,094	9,310
Communications	18,437	21,176
Monopoly Bureau	34,286	37,380
Railways	94,281	116,072
Transferred to National debt consolidation fund special account	29,670	29,755
Other ordinary expenditures	15,740	16,928
Total ordinary expenditures	253,755	288,903
Extraordinary:		
Subsidies	25,584	29,762
Expenses for repairs and construction	5,558	5,867
Expenses for public works	18,744	16,087
Railway construction and improvement	63,042	94,351
Improvement expenses on lands	3,687	2,278
Encouragements and adjustment funds for gold and other mining	121	10,119
Disasters relief funds	3,343	4,780
Transferred to temporary National defense special account	11,034	26,978
Other extraordinary expenditures	22,159	21,402
Total extraordinary expenditures	153,272	211,624
Total expenditures	407,027	500,527

Accounts of Leading Commercial Banks as of December 1947 (Thousands of Won)

Name of bank	Capital paid up	Reserve funds	Deposits	Loans	Securities	Cash on hand
Chosun Bank[1]	50,000	32,300	3,742,151	13,888,475	4,746,652	194,625
Chosun Industrial Bank[2]	52,500	35,991	5,001,791	7,423,565	522,403	519,341
Chosun Commercial Bank[3]	4,975	4,290	2,841,123	3,729,885	288,036	433,510
Choheung Bank[3]	5,981	2,968	3,923,801	4,007,452	286,505	442,252
Chosun Mutual Aid[4]	5,937	1,410	1,600,407	2,086,805	15,728	315,272
Chosun Trust Bank[4]	2,500	2,492	1,808,732	1,676,583	105,026	246,068
The Savings Bank[5]	3,780	3,960	1,590,287	2,129,102	332,582	119,980

[1] Note-issuing and central bank.
[2] Bank which finances mining, industries, agriculture, and forestry.
[3] Banks financing commerce and other general enterprises.
[4] Banks financing medium and small-scale enterprises.
[5] Savings and small-scale finance bank.

PRINCIPAL SOURCES

Annual Economic Review of Korea, 1948, Bank of Chosun.

The Japan Year Book, 1939–40; 1940–41.

The Orient Yearbook, 1942.

SKIG Activities, for October, 1947 and January, February, April and May, 1948 (monthly), South Korean Interim Government.

The Department of Transportation Since Liberation, South Korean Interim Government.

Monthly Statistical Review, Bank of Chosun, 1948 (monthly).

MALAYA

(See general explanatory note, p. vi)

HISTORICAL NOTE

Prewar Malaya was divided into: (1) The Straits Settlements, consisting of Singapore (including Christmas Island and the Cocos (Keeling) group), Penang, Province Wellesley, Malacca, and Labuan; (2) the Federated Malay States of Perak, Selangor, Negri Sembilan and Pahang; and (3) the Unfederated Malay States of Johore, Kedah, Perlis, Kelantan, Trengganu, and Brunei. In some official statements, however, Brunei was listed as a separate colony. On the resumption of civil government in April 1946, the Colony of Singapore and the Malayan Union came into being. Changes in the system of government converted the latter on February 1, 1948, into the Federation of Malaya, which comprises: The nine Malay States (formerly both Federated and Unfederated) excluding Brunei; the Settlement of Penang (including the Island of Penang and Province Wellesley); and the Settlement of Malacca. The Colony of Singapore consists of the island of Singapore, the Cocos (Keeling) group of islands, and Christmas Island. Malaya now excludes Brunei and Labuan, formerly included.

AREA AND POPULATION

Federation of Malaya: Area, 50,680 square miles; population 1947 census (in thousands), 4,877.7 (not including 25.0 nomadic aborigines); 1931, 3,787.8. Colony of Singapore: Area, 281.5 square miles; population 1947 census (in thousands), 940.8; 1931, 559.9.

Area and Population

Territory	Area (square miles)	Population (thousands)			
		1911 census	1921 census	1931 census	1947 census (provisional)
Federation of Malaya	50,680	2,339.1	2,906.7	3,787.8	[1] 4,877.7
Perak	7,980	494.1	599.0	766.0	944.7
Selangor	3,160	294.0	401.0	533.2	708.1
Negri Sembilan	2,580	130.2	178.8	233.8	267.3
Pahang	13,820	118.7	146.1	180.1	237.7
Johore	7,330	180.4	282.2	505.3	737.3
Kedah	3,660	246.0	338.6	429.7	554.0
Perlis	310	32.7	40.1	49.3	70.5
Kelantan	5,750	286.8	309.3	362.5	444.0
Trengganu	5,050	154.1	153.8	179.8	226.4
Penang[2]	110			359.9	446.4
Province Wellesley[2]	290	278.0	304.3	186.7	239.2
Malacca	640	124.1	153.5	1.5	1.9
Unlocated					
Colony of Singapore	281.5	305.4	420.0	559.9	940.8
Singapore Island	220.0	(3)	(3)	(3)	(3)
Christmas Island	60.0	(3)	(3)	(3)	(3)
Cocos (Keeling) Islands	1.5	(3)	(3)	(3)	(3)
Grand total, Malaya	50,961.5	2,644.5	3,326.7	4,347.7	[1] 5,818.4

[1] In addition there were an estimated 25,000 nomadic aborigines (estimates for earlier years not available), making the total population of the Federation of Malaya 4,902,700, and the total population of all Malaya 5,843,400.

[2] Population statistics for Penang and Province Wellesley not available separately; those shown are for the two combined.

[3] Not available.

Principal cities, 1947 census, 1931 data in parentheses (population in thousands): Colony of Singapore—Singapore, 680.0 (445.8). Federation of Malaya—Penang, 189.1 (149.4); Kuala Lumpur, 176.2 (111.4); Ipoh, 90.6 (53.2); Malacca, 54.4 (38.0); Taiping, 41.4 (30.1); Johore Bahru, 38.8 (21.5); Seremban, 35.3 (21.5); Alor Star, 32.4 (18.6); Kuala Trengganu, 25.1 (14.0); Kota Bahru, 22.7 (14.8).

Population by occupation.—Malaya is predominantly an agricultural and mining country, with rubber the principal agricultural crop and tin the chief mineral. Number of persons

employed on rubber estates of 100 acres or over in 1947 was 290,119; 1937-38 average, 323,855. Number of persons employed in mining in December 1947, 42,748; 1937-39 average, 87,682. Railways employed an average of 12,589 persons during 1937-39.

Colony of Singapore.—Number of laborers employed, by industry, September 30, 1947: Agriculture, 1,277; fishing, 616; mining, 831; manufacturing, 34,170; building and construction, 14,179; gas, water, electricity, 3,097; health and sanitation, 3,368; transportation and communication, 45,848; distributive trades, 3,421; miscellaneous services, 3,606; government and municipality 13,831; total, 124,244.

Federation of Malaya.—Complete statistics not available, but it is estimated that at least 2,000,000 persons were engaged in gainful occupation in 1947 (then the Malayan Union); statistics of labor population by occupation (based upon returns required by law submitted by employers of 10 or more laborers; figures for employment in agriculture cover medium and large holdings only), December 31, 1947, with data for December 31, 1946, in parentheses: Estates, 326,102 (298,157); mines, 35,375 (21,956); miscellaneous (factories, etc.), 28,481 (22,487); government, 56,376 (42,747); total 446,334 ,(385,347).

Education.—Advanced educational institutions: King Edward VII College of Medicine (enrollment, 176 in 1938) and Raffles College (enrollment, 211 in 1938), both in Singapore; Technical College in Kuala Lumpur; College of Agriculture in Serdang, Selangor; University of Malaya, in process of formation. Enrollment in primary and secondary schools, 1947, with 1946 data followed by 1938 data in parentheses: Total, 564,600 (480,513; 304,434); English schools, 100,203 (84,820; 47,789); Malay vernacular schools, 180,476 (142,880; 128,114); Indian vernacular, 36,398 (34,004; 23,395); Chinese vernacular, 245,505 (218,800; 93,259); miscellaneous, 2,018 (1938, 11,877).

AGRICULTURE AND FORESTRY

Land distribution.—At the end of 1938, the reserved forests of Malaya covered 10,602 square miles. Forests cover four-fifths of the total land area, or about 40,000 square miles, about 30,000 square miles of which are covered by primeval evergreen forests, intact except for the shifting cultivation of jungle tribes. About one-half of the remaining one-fifth of the land area is under rubber.

Principal Crops: Area and Production

Crop	Area (thousand acres)			Production (thousand long tons)		
	1940	1946	1947	1940	1946	1947
Rubber[1]	3,323	(2)	3,344	547	404	646
Coconuts[3]	600	(2)	512	(2)	(2)	96
Oil palm[4]	(2)	77	78	58	12	39
Rice[5]	820	814	885	324	257	343

[1] Acreage figures for 1940 are for Federation of Malaya only and include 2,002,000 acres in large estates and 1,330,000 acres in estates less than 100 acres. Acreage planted with rubber in December 1947 consisted of 1,934,000 in large estates and 1,383,000 in estates of less than 100 acres in the Federation of Malaya; corresponding figures for the Colony of Singapore were 12,000 and 15,000, respectively. Non-estate holdings are not included.

[2] Not available.

[3] Production shown is coconut oil; figures for coconuts and copra are not available.

[4] Planted acreage in 1946 consisted of 70,000 in the Federation of Malaya and 7,000 in the Colony of Singapore; corresponding figures for 1947 were 71,000 and 7,000, respectively. Production shown is palm oil. The 1946 production figures are for May-December.

[5] Crop seasons 1940-41, 1946-47, 1947-48. Figures for 1947-48 include offseason crop.

MINING AND MANUFACTURING

Mineral Production

[In long tons, except gold, which is measured in troy ounces]

Year	Tin-in-ore	Tin metal[1] (after smelting)	Coal[2]	Iron ore[2]	Bauxite[2]	Manganese[2]	Gold
1937	77,266	95,372	628,948	1,560,828	19,000	[3] 32,793	33,828
1938	43,375	63,746	477,908	1,616,099	55,081	[3] 31,970	40,209
1939	47,416	80,523	441,025	1,942,521	92,256	[3] 31,448	40,283
1940	[4] 83,000	126,945	781,509	1,962,463	62,779	[3] 11,541	35,689
1941	[4] 79,400	[4] 125,000	687,000	[5] 1,148,977	50,824	[3,5] 3,635	[5] 24,804
1942	15,748	[4] 10,000	244,590	90,776			1,024
1943	26,000	[4] 15,000	489,442	48,361	[6] 395,450	[3,6] 10,900	2,213
1944	9,309	[4] 5,000	409,100	10,453			1,212
1945	3,152	[4] 2,500	226,702	13,375			287
1946	8,432	11,533	224,674	----------	----------	----------	445
1947	27,026	29,318	226,301	888	----------	----------	5,312

[1] Includes tin from imported ore.
[2] Figures quoted for period of the Japanese occupation were obtained from Japanese records and in some cases by word of mouth from Japanese engineers, consequently, accuracy cannot be claimed and the figures recorded must be taken as approximations only.
[3] Manganese ore; manganese content not specified.
[4] Estimate.
[5] January-September.
[6] Represents total production, 1942 to 1945 inclusive. Yearly breakdown not available.

Manufacturing.—Processing of agricultural products, such as preparation of latex into rubber, rice polishing, extraction of coconut and palm oil, canning of pineapples, manufacturing of tapioca and sago, and the smelting of tin are the chief manufacturing industries. There are also many small handicraft workshops and, in the city of Singapore, a variety of small factories. Types of manufacturing and number of persons employed in each in the Colony of Singapore, September 30, 1947: Brick, tile, pottery, glass, 821; chemicals, paints, oils, 4,339; metal industries, 8,891; clothing, 1,242; food, drink, and tobacco, 4,349; woodworking, 2,598; paper, printing, 2,344; other manufacturing industries, 9,586.

Electricity.—About 100 towns and villages and a number of mines and factories in the Federation of Malaya are supplied with electricity. Estimated effective generating capacity after rehabilitation, about 107,000 kilowatts. Maximum capacity of the St. James Power Station in Singapore, 37,000 kilowatts. Electric energy consumption and production in Federation of Malaya (thousand kilowatt hours) 1947, with 1940 and 1946 data in parentheses: Total generated and/or purchased, 105,195 (129,242; 65,803); sold, 82,672 (104,451; 50,858). (Units generated and not sold include units used in works, in magnetising, and units unaccounted for.)

TRANSPORTATION AND COMMUNICATION

Roads, 1947 data.—Total number of miles, 6,154 (1937, 7,732; 1938, 8,479), of which Federation of Malaya, 6,045, and Colony of Singapore, 109. Federation of Malaya: Cement concrete, 19; macadam, surface treated and penetration, 4,119; waterbound macadam, 321; improved earth, 913; unimproved earth and nonsurfaced, 673. Colony of Singapore: Bituminous concrete and asphalt, 69; macadam, surface treated and penetration, 36; improved earth, 3; unimproved earth, 1.

Number of Motor Vehicles Registered in Malaya

Type of vehicle	December 31—		
	1937	1938	1947
Total	**49, 182**	**47, 237**	**40, 259**
Private passenger cars	28, 616	29, 042	18, 013
Hire cars and taxicabs	4, 426	3, 048	(1)
Busses	2, 740	2, 392	[2] 3, 194
Motorcycles	4, 210	3, 568	4, 527
Trucks	8, 691	8, 598	[3] 14, 525
Miscellaneous	499	589	(1)

[1] Not available.
[2] For the Federation of Malaya, this represents "busses and special type," and for Singapore "public motorcars, busses and cars licensed for hire, and private busses."
[3] Number of trucks in operation in Colony of Singapore on December 31, 1947, not available; figures used for Singapore are those of July 31, 1947.

Railway Statistics

Item	1937	1938	1939	1940	1946[1]
Length of line ... miles	1, 068	1, 068	1, 067	1, 067	792
Length of tracks ... do	1, 313	1, 313	1, 313	1, 313	(2)
Locomotives ... number	159	165	(2)	(2)	112
Passenger cars ... do	342	338	(2)	(2)	202
Freight cars ... do	5, 236	5, 272	(2)	(2)	(2)
Passengers carried ... thousands	9, 477	9, 832	11, 463	(2)	4, 283
Freight carried ... 1,000 long tons	2, 134	1, 850	1, 860	2, 581	865
Train-miles ... thousands	4, 459	4, 478	4, 710	5, 128	1, 684
Employees ... number	12, 587	12, 572	12, 608	(2)	(2)
Total revenue ... 1,000 Straits dollars	16, 813	14, 686	14, 805	19, 733	20, 070
Passenger service revenue ... do	4, 822	4, 411	4, 365	5, 620	7, 244
Freight service revenue ... do	8, 263	6, 943	7, 037	10, 024	9, 595
Total expenditures ... do	13, 898	14, 569	14, 931	16, 204	17, 636

[1] Traffic and financial data are for the period April-December 1947.
[2] Not available.

Entrances of Vessels in Malayan Registration Area
[Number of vessels over 75 tons, net register, plying between Malaya and foreign ports]

Item	1937	1938	1947
Total number	6, 659	6, 600	3, 363
With cargo	6, 612	6, 574	3, 320
In ballast	47	26	43
Nationality:			
British	2, 144	2, 117	1, 875
Dutch	2, 523	2, 603	574
Other European	1, 139	1, 185	[1] 395
Japanese	617	443	6
Other	236	252	[2] 513

[1] Consisting of Norwegian 195, French 70, Danish 64, Swedish 29, Russian 24, Greek 10, Portuguese 2, and Finnish 1.
[2] Consisting of American 290, Panamanian 66, Chinese 65, Philippine 35, Siamese 45, and Sarawak 12.

Capacity of Vessels [1] Entering and Departing from Principal Malayan Ports (Thousand Net Registered Tons)

Type of movement	Singapore	Penang	Malacca	Port Swettenham
1937: Total	32, 791	13, 274	1, 242	7, 232
Foreign trade	32, 155	13, 153	1, 057	6, 809
Coasting trade	636	121	185	423
1938: Total	31, 254	12, 257	1, 253	6, 589
Foreign trade	30, 696	12, 122	1, 055	6, 202
Coasting trade	558	135	198	387
1947: Total	18, 606	5, 641	47	3, 713
Foreign trade	18, 582	5, 630	37	3, 437
Coasting trade	24	11	10	276

[1] Over 75 net registered tons.

Aviation.—The Federation of Malaya has four airports with regular daily services, Kuala Lumpur, Ipoh, Penang, and Kota Bahru. There are also airports at Taiping, Port Swettenham, and Kuantan.

The three airports of Singapore provide regular services to all continents. On May 1, 1947, Malayan Airways began operations linking Malaya with the Netherlands Indies and French Indochina. In the first 11 months of operations, Malayan Airways' internal service covered a total of 616,800 miles and carried 17,181 passengers; in the same period, over 100 tons of freight and 25½ tons of mail were also transported. In June 1948 the company's 8 aircraft were operating 33 flights per week.

Statistics of Kallang Civil Airport, Singapore, 1947: Number of aircraft arrivals and departures, 1,738; number of passengers disembarking, 13,186; passengers embarking, 13,252; passengers in transit, 14,443; mail landed (pounds) 248,399; mail despatched (pounds) 223,715; freight landed (pounds), 479,437; freight despatched (pounds) 553,317.

Postal, Telegraph, Telephone and Radio Statistics

Item	1937	1938	1939	1946 April-December	1947
Postal service:					
Post offices and agencies .... number	336	339	(1)	319	(1)
Pieces of mail handled .... thousands	112, 204	120, 293	[2, 3] 99, 480	66, 295	(1)
C.o.d. parcels posted and delivered ... do	[3] 67	[3] 71	(1)	[4] 11	(1)
Trade charges, c.o.d. parcels posted and delivred .... 1,000 Straits dollars	[3] 1, 373	[3] 1, 292	(1)	[4] 584	(1)
Value of money orders issued and paid 1,000 Straits dollars	35, 367	39, 356	32, 341	58, 442	(1)
Telegraph and telephone wires .... miles	[5] 5, 046	[5] 5, 141	(1)	(1)	(1)
Telegraphs:					
Offices open .... number	[3] 147	[3] 149	(1)	[6] 184	[6, 7] 205
Messages sent and received ..... thousands	1, 642	1, 619	[3] 1, 231	[6] 1, 209	[6] 1, 581
Gross receipts .... 1,000 Straits dollars	[3] 430	[3] 420	(1)	[6] 1, 243	[6] 1, 630
Telephones:					
Subscribers .... number	9, 092	9, 840	[8] 10, 024	[6] 11, 306	[6, 9] 13, 657
Exchanges .... do	181	186	(1)	[6] 174	[6] 191
Gross receipts .... 1,000 Straits dollars	[3] 1, 776	[3] 1, 896	(1)	[6] 1, 418	[6] 3, 566
Radios:					
Commercial stations .... number	8	8	(1)	(1)	(1)
Messages sent and received ..... thousands	97	79	(1)	(1)	(1)
Radio telegrams, gross receipts 1,000 Straits dollars	62	48	(1)	(10)	[6] 8
Receiving licenses issued .... number	9, 503	12. 163	(1)	(1)	(1)

[1] Not available.
[2] Excludes registered articles and parcels.
[3] Excludes data for Johore, Kedah, Perlis, Kelantan, and Trengganu.
[4] Includes only c.o.d. parcels delivered.
[5] Excludes data for Trengganu.
[6] Data for Federation of Malaya only.
[7] Excludes 77 railway telegraph agencies.
[8] Data shown are for 1941 and relate to Federation of Malaya only. Prewar Singapore had about 7,000 subscribers.
[9] As of November 1, 1947, there were 9,053 subscribers of Oriental Telephone Co. exchanges in Singapore.
[10] Less than 500 Straits dollars.

FOREIGN TRADE

Per capita trade.—1947: Imports, $110.50; exports, $104.65.

Basis of trade statistics.—Malaya, for the purpose of official Malayan trade statistics, comprises the Colony of Singapore (excluding Christmas Island and the Cocos Islands) and the Malayan Union (Perak, Selangor, Negri Sembilan, Pahang, Johore, Kedah, Perlis, Kelantan and Trengganu, Malacca, Penang and Province Wellesley).

Imports are classified under the country of production, and exports under the country of final destination, representing, as far as can be ascertained, the country of consumption. Import values are c. i. f.; export values, f. o. b. Quantities and values are based on declarations of importers and exporters. Imports are general imports; exports include reexports.

The following categories are not included: Trade between Singapore and the Malayan Union; personal luggage other than dutiable goods; fresh fish and shell fish arriving direct from ocean fishing grounds; mats, sacks, and cases used for packing; goods in transit from one foreign country to another, which, while in Malaya, remain in the custody of shipping agents or port authorities; bunker coal, fuel oil, aviation gasoline, ships' stores, and aircraft stores supplied to vessels and aircraft engaged in foreign trade.

The trade values in the following tables for the years 1934 through 1941 have been converted from Straits dollars to United States dollars at the annual average rates of exchange shown on page 515; for 1946 and 1947, at the par value announced by the International Monetary Fund on December 18, 1946—$0.470167.

Value of Imports and Exports

Year	Merchandise[1]				Bullion and coin			
	Thousands of Straits dollars		Thousands of U. S. dollars		Thousands of Straits dollars		Thousands of U. S. dollars	
	General imports	General exports	General imports	General exports	Imports	Exports	Imports	Exports
1934	460, 464	543, 996	271, 720	321, 012	6, 692	22, 649	3, 949	13, 365
1935	466, 650	570, 361	266, 784	326, 075	8, 837	11, 602	5, 052	6, 633
1936	503, 024	627, 761	293, 062	365, 734	5, 044	9, 312	2, 939	5, 425
1937	679, 913	897, 121	394, 145	520, 061	12, 253	5, 758	7, 103	3, 338
1938	546, 610	569, 315	311, 130	324, 054	8, 383	10, 334	4, 772	5, 882
1939	620, 619	736, 480	321, 108	381, 055	3, 933	12, 025	2, 035	6, 222
1940	824, 107	1, 125, 057	387, 165	528, 552	2, 651	1, 430	1, 245	672
1941[2]	679, 875	916, 007	320, 425	431, 714	1, 498	158	706	74
1946	792, 666	720, 008	372, 685	338, 524	194	140	91	66
1947	1, 367, 453	1, 294, 878	642, 931	608, 809	49	58	23	27

[1] Excluding parcel post.
[2] January through September only.

Trade With Principal Countries (Thousands of United States Dollars)

Country	General imports				General exports			
	1937	1938	1946	1947	1937	1938	1946	1947
Total, excluding bullion, coin, and parcel post	**394, 145**	**311, 130**	**372, 685**	**642, 931**	**520, 061**	**324, 054**	**338, 524**	**608, 809**
United States	9, 225	9, 752	6, 627	64, 900	231, 213	97, 333	121, 776	206, 338
United Kingdom	61, 424	58, 046	47, 841	124, 319	57, 114	46, 136	102, 126	97, 871
Union of South Africa	895	977	578	2, 196	2, 322	2, 053	5, 230	5, 773
Canada	3, 091	2, 823	1, 881	9, 217	14, 976	10, 013	6, 478	21, 003
India	9, 951	9, 127	12, 634	17, 610	14, 185	12, 106	13, 499	24, 009
Sarawak, North Borneo, and Brunei	22, 552	15, 290	11, 214	27, 996	8, 862	7, 154	4, 683	17, 062
Burma	16, 727	14, 307	4, 984	15, 052	2, 320	1, 972	1, 130	3, 978
Ceylon	455	418	676	1, 331	2, 453	1, 500	552	1, 351
Hong Kong	4, 774	4, 830	19, 364	28, 149	2, 931	2, 393	12, 751	22, 985
Australia	8, 423	7, 447	41, 536	39, 901	18, 119	15, 193	4, 946	17, 730
New Zealand	411	422	651	512	1, 783	2, 193	327	2, 314
Belgium	3, 426	2, 711	1, 535	9, 095	2, 755	1, 656	1, 359	8, 434
Czechoslovakia	1, 167	1, 264	497	2, 271	507	267	588	1, 707
Denmark	333	518	464	1, 965	685	570	1, 504	1, 907
France	1, 933	1, 737	2, 258	5, 638	40, 548	24, 773	2, 908	17, 890
Germany	7, 707	6, 364	19	11	17, 061	10, 366	-------	6, 144
Italy	1, 486	1, 128	4, 553	6, 045	14, 405	10, 612	2, 627	11, 462
Netherlands	2, 967	3, 282	1, 298	7, 285	5, 649	3, 427	2, 259	6, 755
Norway	427	482	1, 070	1, 206	275	394	793	1, 686
Poland	248	307	-------	21	723	1, 002	-------	1, 353
U. S. S. R.	99	29	2	265	2	-------	-------	13, 371
Spain	77	80	61	207	82	375	1, 283	2, 695
Sweden	606	651	392	1, 425	1, 218	574	3, 752	5, 525
Switzerland	464	482	114	718	30	45	557	770
Turkey	1	(1)	-------	34	45	14	68	1, 108
Egypt	434	574	2, 179	2, 135	3, 407	2, 041	369	1, 109
Mexico	292	91	4	1, 068	1, 288	718	2, 703	2, 484
Argentina	46	73	1, 032	16	2, 888	1, 667	3, 691	12, 989
Brazil	65	63	406	2, 478	133	96	1, 061	165
Chile	12	7	16	-------	75	113	268	729
Arabia (other than British)	79	51	86	300	238	195	1, 920	1, 580
China	16, 006	13, 611	45, 713	57, 409	2, 951	1, 796	6, 033	3, 939
French Indochina	7, 745	8, 373	2, 364	4, 980	642	857	737	1, 439
Japan	23, 467	7, 073	26	3, 115	35, 195	30, 673	(1)	6, 382
Indonesia	127, 565	84, 140	112, 822	123, 267	20, 148	20, 979	21, 412	59, 206
Iran	2. 426	1, 866	8, 353	6, 308	73	13	87	461
Philippines	296	287	91	375	421	740	1, 098	628
Thailand	53, 668	48, 928	28, 948	54, 839	8, 299	8, 939	5, 182	7, 191
Mauritius	1	-------	795	8, 827	130	108	166	114
Zanzibar	37	34	1, 776	536	196	175	6	14
Iraq	(2)	(2)	1, 165	518	(2)	(2)	40	606
Palestine	56	42	247	438	5	91	107	786
Finland	410	272	217	195	275	102	273	1, 143
Eire	215	180	2	34	20	11	70	1, 498
Other countries	2, 456	3, 000	6, 204	8, 724	3, 414	2, 619	2, 105	5, 125
Percent of total:								
United States	2. 3	3. 1	1. 8	10. 1	44. 5	30. 0	36. 0	33. 9
United Kingdom	15. 6	18. 7	12. 8	19. 3	11. 0	14. 2	30. 2	16. 1
Indonesia	32. 4	27. 0	30. 3	19. 2	3. 9	6. 5	6. 3	9. 7
China	4. 1	4. 4	12. 3	8. 9	. 6	. 6	1. 8	. 6
Thailand	13. 6	15. 7	7. 8	8. 5	1. 6	2. 8	1. 5	1. 2
Australia	2. 1	2. 4	11. 1	6. 2	3. 5	4. 7	1. 5	2. 9
Hong Kong	1. 2	1. 6	5. 2	4. 4	. 6	. 7	3. 8	3. 8
Sarawak, North Borneo and Brunei	5. 7	4. 9	3. 0	4. 4	1. 7	2. 2	1. 4	2. 8
India	2. 5	2. 9	3. 4	2. 7	2. 7	3. 7	4. 0	3. 9
Burma	4. 2	4. 6	1. 3	2. 3	. 4	. 6	. 3	. 7
Canada	. 8	. 9	. 5	1. 4	2. 9	3. 1	1. 9	3. 4
Belgium	. 9	. 9	. 4	1. 4	. 5	. 5	. 4	1. 4
Netherlands	. 8	1. 1	. 3	1. 1	1. 1	1. 1	. 7	1. 1
Italy	. 4	. 4	1. 2	. 9	2. 8	3. 3	. 8	1. 9
France	. 5	. 6	. 6	. 9	7. 8	7. 6	. 9	2. 9
U. S. S. R.	(3)	(3)	(3)	(3)	(3)	-------	-------	2. 2
Argentina	(3)	(3)	. 3	(3)	. 6	. 5	1. 1	2. 1
Germany	2. 0	2. 0	(3)	(3)	3. 3	3. 2	-------	1. 0
Japan	6. 0	2. 3	(3)	. 5	6. 8	9. 5	(3)	1. 0

[1] Negligible.
[2] Not available.
[3] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
General imports, total, excluding bullion, coin and parcel post	--------	--------	--------	--------	**394,145**	**311,130**	**372,685**	[illegible]
Beans and peas .... 1,000 lb.	43,207	56,726	38,530	35,771	888	1,292	3,051	[illegible]
Rice .... million lb.	1,607	1,837	321	536	27,856	30,753	13,181	[illegible]
Rice bran and meal .... 1,000 lb.	361,545	368,861	9,092	99,452	3,156	3,047	515	[illegible]
Wheat flour .... 1,000 cwt.	1,523	1,453	2,717	3,951	3,797	2,930	9,484	[illegible]
Sago, including pearl and flour .. 1,000 lb.	141,969	103,172	50,315	131,262	1,940	907	3,123	[illegible]
Other grain, flour, and cereal products	--------	--------	--------	--------	1,401	1,247	5,388	[illegible]
Animal feeds, including oil cake	--------	--------	--------	--------	287	235	443	[illegible]
Meats, canned .... 1,000 lb.	726	721	8,254	1,794	122	122	1,793	[illegible]
Other meats and meat products	--------	--------	--------	--------	1,413	1,591	1,718	[illegible]
Cattle, living .... number.	30,313	18,687	6,212	9,580	920	554	793	[illegible]
Swine, living .... do.	139,510	96,581	60,902	49,434	1,211	834	2,914	[illegible]
Other live animals, including poultry, for food	--------	--------	--------	--------	666	615	928	[illegible]
Coffee .... 1,000 lb.	18,646	21,833	28,703	25,583	1,277	1,124	4,045	[illegible]
Curry stuffs .... do.	11,774	14,125	4,188	10,385	687	685	2,195	[illegible]
Eggs, fresh and salted .... thousands.	78,711	84,430	28,953	59,506	724	704	1,766	[illegible]
Fish, dried and salted .... 1,000 lb.	104,975	113,810	21,211	33,320	4,313	4,072	4,827	[illegible]
Fish, fresh .... do.	8,734	11,379	18,480	20,845	592	684	4,844	[illegible]
Fish, canned .... do.	16,498	8,326	1,174	7,513	1,003	683	272	[illegible]
Other fish products .... do.	1,257	1,165	1,608	1,051	276	237	854	[illegible]
Fruits, fresh .... do.	46,926	45,226	25,688	39,973	1,804	1,714	3,051	[illegible]
Fruits, dried and preserved .... do.	28,161	21,670	22,646	21,388	1,066	874	5,278	[illegible]
Fruits, canned or bottled, including fruit juice	--------	--------	--------	--------	351	240	1,385	[illegible]
Milk, all kinds	--------	--------	--------	--------	6,230	5,949	4,071	[illegible]
Salt .... 1,000 lb.	155,286	137,343	182,208	180,304	419	353	1,545	[illegible]
Areca nuts .... do.	118,879	124,141	34,648	75,192	3,620	3,192	2,245	[illegible]
Cloves .... do.	558	894	10,158	3,326	99	141	2,101	[illegible]
Nutmegs .... do.	4,260	3,042	2,363	3,597	343	245	535	[illegible]
Pepper, black, white, and long .... do.	22,147	17,927	41,957	18,227	1,403	851	10,971	[illegible]
Other spices .... do.	7,374	8,409	7,907	6,178	405	395	1,480	[illegible]
Sugar, coarse and refined, including molasses and sugar candy .... 1,000 lb.	308,446	310,529	142,619	195,400	5,285	5,632	15,619	[illegible]
Tea .... do.	5,881	4,836	8,218	8,501	964	819	2,835	[illegible]
Vegetables, canned, including soup .. do.	5,302	4,243	4,693	2,937	338	264	895	[illegible]
Vegetables, fresh, including potatoes, onions and garlic .... 1,000 lb.	135,182	133,641	58,491	102,372	1,981	2,071	4,890	[illegible]
Vegetables, dried and preserved .... do.	44,368	43,859	30,733	37,383	1,319	1,208	6,056	[illegible]
Distilled liquors, wines, beers, and ales	--------	--------	--------	--------	3,599	3,128	5,948	[illegible]
Tobacco leaf .... 1,000 lb.	2,400	2,324	5,141	370	305	290	2,089	[illegible]
Cigarettes .... do.	13,679	12,642	6,233	17,528	9,957	9,262	10,113	[illegible]
Other tobacco, manufactured .... do.	1,854	1,787	287	708	668	619	406	[illegible]
Animals, living, inedible	--------	--------	--------	--------	263	180	129	[illegible]
Coal .... short tons.	814,135	532,865	64,352	236,505	3,731	2,742	1,460	[illegible]
Tin ore and concentrates .... 1,000 lb.	69,819	62,194	1,465	10,212	24,713	17,109	655	[illegible]
Tungsten ore .... do.	2	103	--------	--------	1	26	--------	--------
Nonferrous scrap metal .... do.	4,894	1,245	506	2,563	259	60	17	[illegible]
Timber, teak .... cu. ft.	440,450	392,650	169,000	262,650	368	346	911	[illegible]
Charcoal and firewood .... do.	188,220	219,943	184,083	190,458	438	425	1,791	[illegible]
Hemp and sisal hemp .... 1,000 lb.	137	148	5,342	7,907	5	4	449	[illegible]
Other vegetable fibers, including cotton .... 1,000 lb.	645	878	5,136	3,602	23	29	418	[illegible]
Copra .... do.	280,887	263,238	80,662	117,835	7,876	3,885	3,899	[illegible]
Soy beans .... do.	28,217	1,817	11,711	34,133	518	38	1,776	[illegible]
Peanuts .... do.	37,623	34,913	9,874	18,731	1,022	803	1,459	[illegible]
Other oilseeds and nuts .... do.	10,582	10,501	3,400	16,659	319	259	463	[illegible]
Gum benjamin (benzion) .... do.	2,399	2,650	5,490	3,331	217	250	1,826	[illegible]
Gum damar .... do.	20,899	14,383	7,690	12,499	613	374	667	[illegible]
Other gums and resins, including camphor .... 1,000 lb.	9,343	7,596	2,684	9,193	437	312	467	[illegible]
Coconut oil .... do.	1,669	813	2,513	4,805	95	30	275	[illegible]
Palm oil .... do.	314	365	300	4,493	15	11	23	[illegible]
Peanut oil .... do.	22,096	24,424	209	812	1,592	1,352	99	[illegible]
Other vegetable oils, excluding essential ..	--------	--------	--------	--------	242	161	82	[illegible]
Other oils, grease, and wax (excluding essential oils and petroleum products) ..	--------	--------	--------	--------	330	210	360	[illegible]
Reptile skins, undressed .... pounds.	98,672	62,307	45,772	124,316	46	33	52	[illegible]
Other hides and skins, undressed .... 1,000 lb.	1,808	1,064	511	1,156	178	82	123	[illegible]
Gutta percha and other guttas .... do.	2,547	2,612	168	1,113	244	245	103	[illegible]
Jelutong (pontianak) .... do.	16,592	21,526	959	8,252	993	1,199	127	[illegible]
Rubber, including dry, wet and sole crepe .... 1,000 lb.	478,119	349,666	419,442	702,567	83,175	42,309	60,573	[illegible]
Rubber latex .... do.	--------	--------	87	119	--------	--------	8	[illegible]

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Kapok 1,000 lb	3, 503	2, 672	573	3, 763	239	166	63	773
Rattans do	30, 549	25, 910	20, 108	17, 022	906	655	1, 788	1, 196
Gambier do	4, 838	5, 372	5, 428	2, 715	203	266	1, 172	638
Other tanning substances do	16, 148	16, 023	3, 555	3, 382	380	373	142	132
Cement 1,000 bbl	1, 835	1, 669	304	571	2, 389	2, 517	1, 433	2, 563
Glass plate and sheet 1,000 sq. ft	4, 984	2, 549	689	4, 479	263	167	130	926
Other glass and glassware					834	720	677	1, 622
Iron and steel manufactures:								
Bars, rods and small structural shapes short tons	46, 496	30, 967	4, 353	13, 605	2, 116	1, 779	420	1, 878
Tinned plate and sheet do	30, 661	21, 745	3, 071	12, 332	2, 971	2, 287	497	2, 238
Galvanized sheet, including corrugated short tons	23, 056	8, 814	1, 306	7, 668	1, 829	832	248	2, 141
Other plate and sheet do	24, 074	18, 859	5, 659	17, 545	1, 372	1, 153	702	2, 162
Pipes, tubes and fittings do	22, 073	10, 023	2, 108	4, 244	1, 446	904	356	889
Wire, including cables, rope, fencing and netting short tons	12, 187	7, 148	1, 739	6, 331	1, 087	798	446	1, 770
Wire nails and staples do	8, 621	6, 177	1, 105	8, 093	486	379	301	1, 723
Bolts, nuts, rivets, washers, screws and other nails, and staples					476	341	661	504
Cooking and household utensils 1,000 lb	8, 646	4, 229	1, 445	2, 641	779	506	579	1, 226
Other iron and steel manufactures					4, 339	3, 902	1, 408	4, 057
Nonferrous metals and manufactures, total					1, 836	1, 305	1, 432	3, 640
Hardware and hand tools					1, 256	801	1, 429	2, 628
Photographic and projection goods and instruments					954	830	745	2, 328
Electrical equipment, instruments and apparatus, total					3, 883	3, 621	4, 009	10, 19[illegible]
Machinery:								
Dredges and dredging materials					2, 148	4, 361	650	3, 487
Other mining machinery and parts					(1)	(1)	503	810
Engines (all types except electric), including boilers					1, 734	1, 639	466	1, 490
Motors, generators, and other electric machinery					917	1, 330	501	1, 004
Pumps and pumping machinery					279	230	344	582
Sewing machines and parts					1, 274	529	227	666
Welding equipment and materials					(1)	(1)	254	519
Office machinery					230	173	172	602
Other machinery and parts					3, 449	3, 706	2, 342	6, 282
Cotton yarn 1,000 lb	2, 712	5, 559	296	751	517	941	506	883
Cotton piece goods 1,000 yd	141, 801	114, 993	41, 012	223, 312	12, 790	10, 482	26, 538	77, 286
Cotton thread and yarns for sewing, knitting, and crocheting					623	615	822	1, 919
Cotton household goods, including blankets, carpets, and rugs					721	638	1, 527	3, 104
Other cotton goods, excluding clothing					235	192	180	629
Woolen piece goods 1,000 yards	792	354	324	500	561	285	460	933
Other woolen goods, including carpets (excluding clothing)					454	334	507	1, 272
Silk and manufactures, excluding clothing					2, 433	886	348	632
Artificial silk piece goods and other manufactures, excluding clothing					2, 134	1, 557	3, 165	5, 821
Cordage, including twine, yarn, and fish nets 1,000 lb	14, 540	12, 488	4, 296	7, 482	1, 030	866	1, 799	2, 600
Gunny bags bales of 100	45, 497	37, 907	48, 457	87, 982	530	432	1, 702	3, 551
Jute piece goods 1,000 yd	22, 824	9, 889	926	2, 230	1, 053	357	118	445
Apparel					6, 482	4, 202	6, 509	11. 815
Formic acid 1,000 lb	5, 042	3, 434	2, 491	4, 437	538	370	458	1, 216
Other acids do	3, 781	2, 056	5, 031	9, 482	138	107	846	1, 015
Drugs and medicines					3, 421	3, 609	7, 253	9, 430
Dyes, paints, and enamels					2, 161	1, 336	1, 238	3, 656
Essential oils, including synthetic					231	152	465	981
Kerosene 1,000 bbl	986	1, 278	817	1, 153	7, 637	9, 172	2, 450	3, 055
Fuel oil long tons	701, 311	632, 072	573, 502	665, 625	13, 033	10, 983	6, 403	14, 014
Lubricating oil, mineral 1,000 bbl	137	99	86	204	1, 727	1, 411	1, 535	4, 033
Gasoline do	3, 745	3, 879	1, 502	2, 005	28, 494	26, 047	8, 863	11, 612
Other petroleum products, including paraffin, asphalt, and bitumen 1,000 lb	52, 176	54, 699	10, 790	58, 654	736	725	307	1, 393
Soap, household and laundry do	10, 778	8, 924	1, 618	2, 033	489	414	134	182
Other soap and candles					355	346	266	223
Dressed leather and tanned hides and skins 1,000 lb	793	641	715	1, 214	463	317	817	884
Leather boots and shoes dozen pairs	53, 592	51, 930	9, 600	24, 708	545	518	213	800

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Other leather manufactures, including artificial					386	214	460	788
Paper and manufactures					3,767	3,080	5,900	8,663
Locomotives, railroad ... number	44	58	40	59	146	662	1,211	2,243
Bicycles and parts					2,167	938	1,168	4,458
Automobiles, passenger, new and used ... number	7,151	5,186	2,645	6,223	5,323	3,904	3,402	9,126
Motor trucks, new and used ... do	3,947	1,969	1,341	1,702	2,383	1,305	2,165	2,755
Parts for motor vehicles, including engines					975	870	571	2,466
Other vehicles and parts, including railway, aircraft, and boats					919	1,081	615	2,037
Rubber shoes ... dozen pairs	252,459	108,021	17,428	41,180	481	233	199	358
Motor vehicle tire casings ... number	145,442	119,120	34,852	160,702	1,163	1,008	837	3,344
Other tires and tubes					635	312	185	1,236
Other rubber manufactures					241	217	141	467
Books and printed matter					622	577	470	782
Fertilizers					2,109	1,787	1,157	2,607
Joss sticks and joss paper					783	745	2,455	2,608
Matches					314	369	2,887	2,199
Perfumery, cosmetics, and toilet requisites					1,207	1,043	2,828	3,563
Umbrellas ... dozen	242,062	244,933	54,631	110,426	291	284	600	809
Other merchandise					20,426	16,957	24,311	36,825
Gold bullion					4,215	2,724		
Gold coin					2,534	1,106		
Silver bullion					315	756	1	23
Silver coin					39	185	90	(2)
Parcel post					3,644	2,514	(1)	(1)

[1] Not available.
[2] Negligible.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
General exports, total, excluding bullion and coin, and parcel post					**520,061**	**324,054**	**338,524**	**608,808**
Beans and peas ... 1,000 lb	10,067	7,878	3,037	3,378	226	191	158	373
Rice ... do	311,904	454,377	4,422	3,555	5,577	7,630	128	148
Rice bran and meal ... do	21,092	21,508	222	291	200	190	12	16
Wheat flour ... hundredweight	145,085	126,963	7,258	74,099	397	291	102	550
Sago, including pearl and flour ... 1,000 lb	166,566	111,353	57,413	148,154	2,851	1,468	4,237	9,497
Tapioca, incl. pearl, flour, and flake ... 1,000 lb	54,282	53,532	7,795	32,713	1,150	916	631	3,434
Other grain, flour, and cereal products					274	208	190	484
Animal feeds, incl. oil cake					369	203	34	11
Meats, canned ... 1,000 lb	305	132	685	8,015	33	18	76	1,208
Coffee ... do	5,748	6,023	8,848	8,004	429	325	1,146	1,337
Curry stuffs ... do	4,193	5,891	781	2,027	240	303	144	348
Fish, dried and salted ... do	109,865	116,572	6,498	18,437	4,007	4,251	944	2,185
Fish, canned ... do	5,696	3,205	121	2,215	291	198	21	422
Fruits, fresh ... do	3,051	2,932	571	647	127	126	113	113
Fruits, dried and preserved ... do	7,531	6,503	5,831	5,542	268	237	548	617
Fruits, canned or bottled, incl. fruit juice					5,181	4,176	114	1,410
Milk, all kinds					1,010	751	477	1,029
Salt ... 1,000 lb	13,404	12,428	40,849	114,905	47	43	904	1,460
Areca nuts ... do	186,269	199,783	54,808	103,208	6,132	5,946	4,387	9,121
Cloves ... do	477	836	6,380	6,129	78	139	1,487	934

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Nutmegs...do....	3,237	2,433	1,684	3,425	424	277	809	1,233
Pepper, black, white, and long..do....	23,995	17,084	45,347	34,872	1,677	874	13,689	12,745
Other spices...do....	2,865	2,975	3,559	2,919	277	245	846	502
Sugar, coarse and refined, incl. molasses and sugar candy....1,000 lb..	44,153	35,721	2,787	20,635	769	642	418	2,319
Tea...do..	1,201	1,370	2,652	5,270	346	377	2,071	2,250
Vegetables, canned, incl. soup..do....	934	674	806	7,995	59	43	58	422
Vegetables, fresh, incl. potatoes, onions and garlic...1,000 lb..	27,960	26,466	4,077	10,183	556	508	404	785
Vegetables, dried and preserved 1,000 lb..	6,863	5,076	3,179	8,073	195	152	361	825
Distilled liquors, wines, beers and ales...	-------	-------	-------	-------	654	548	514	1,892
Tobacco, leaf...1,000 lb..	129	104	6,549	1,220	16	16	2,961	1,082
Cigarettes...do....	2,151	1,871	1,139	3,851	1,422	1,190	2,329	6,855
Other tobacco, mfd...do....	602	553	100	384	221	190	132	420
Iron ore...1,000 short tons..	1,724	1,716	-------	-------	4,130	4,188	-------	-------
Tin ore and concentrates....1,000 lb..	5,298	6,290	771	-------	1,992	1,892	269	-------
Tungsten ore...do....	2,408	1,467	186	856	840	800	59	584
Nonferrous scrap metal...do....	5,154	2,587	16,692	53,883	382	183	1,657	1,606
Sawn lumber and timber, excl. teak ...1,000 cu ft..	1,046	848	170	811	344	249	1,199	908
Charcoal and firewood...1,000 lb..	1,911	8,026	7,432	27,064	7	21	69	296
Hemp and sisal hemp...do....	27	20	6,964	15,859	1	1	638	1,748
Other vegetable fibers, incl. cotton 1,000 lb..	340	251	5,663	1,429	31	28	271	193
Copra...do....	450,213	417,247	4,025	16,052	13,214	7,111	264	1,038
Soybeans...do....	764	9	352	954	13	(1)	43	109
Peanuts...do....	2,484	2,081	3,730	813	66	51	203	53
Other oilseeds and nuts...do....	18,726	22,279	909	24,709	476	339	44	1,497
Gum benjamin (benzoin)...do....	2,334	2,065	4,446	3,071	209	204	1,623	1,124
Gum damar...do....	25,776	19,363	8,073	12,631	948	634	908	1,280
Other gums and resins, including camphor...1,000 lb..	8,284	5,674	3,329	6,433	409	237	505	1,088
Coconut oil...do....	90,738	110,884	20,451	96,896	4,519	3,214	2,477	12,175
Palm oil...do....	96,156	122,170	18,623	101,541	3,779	3,552	1,909	10,299
Peanut oil...do....	2,586	2,805	48	60	177	165	10	13
Other vegetable oils, excluding essential...	-------	-------	-------	-------	22	18	165	126
Other oils, grease, and wax (excluding essential oils and petroleum products)...	-------	-------	-------	-------	133	95	115	268
Reptile skins, undressed...	-------	-------	-------	-------	99	90	176	953
Other hides and skins, undressed 1,000 lb..	2,141	1,089	1,205	1,060	208	110	190	306
Gutta-percha and other guttas..do....	3,810	3,864	32,010	1,411	465	508	6,417	1,205
Jelutong (Pontianak)...1,000 lb..	12,555	16,999	1,335	7,399	1,864	2,323	294	1,677
Rubber, incl. dry, wet and sole crepe million lb..	1,483	1,147	1,157	2,076	272,014	150,436	229,777	353,308
Rubber latex...do....	43,474	33,445	11,901	59,730	8,945	4,945	2,878	13,926
Kapok...do....	461	284	172	1,467	36	21	50	465
Rattans...do....	24,786	18,140	12,195	16,088	1,123	796	2,202	2,486
Gambier...do....	9,218	9,018	4,471	5,304	517	502	1,233	1,227
Other tanning substances...do....	11,110	11,260	3,602	2,773	339	326	285	205
Glass plate and sheet....1,000 sq. ft..	290	199	1,173	294	14	12	88	49
Other glass and glassware...	-------	-------	-------	-------	110	110	104	203
Iron and steel manufactures:								
Bars, rods and small structural shapes...short tons..	1,570	2,209	53	141	103	140	6	25
Tinplate and sheet...do....	872	1,652	18	159	85	157	2	29
Galvanized sheet, incl. corrugated short tons..	1,602	1,126	100	306	131	105	30	122
Other plate and sheet...do....	946	654	66	293	75	52	3	40
Pipes, tubes and fittings...do....	1,336	466	4,601	6,909	151	57	167	503
Wire, incl. cables, rope, fencing and netting...short tons..	1,195	1,401	121	571	86	100	40	184
Wire nails and staples...do....	732	740	328	1,690	53	52	126	452
Bolts, nuts, rivets, washers, screws, and other nails and staples...	-------	-------	-------	-------	70	60	103	220
Cooking and household utensils short tons..	1,935	1,322	1,525	1,646	141	112	302	438
Other iron and steel mfrs...	-------	-------	-------	-------	353	281	406	1,373
Lead and mfrs...1,000 lb..	251	246	157	5,488	16	11	10	571
Tin blocks, ingots, bars and slabs 1,000 lb..	208,560	137,059	17,067	71,841	110,009	54,836	10,123	51,186

See footnotes at end of table.

Exports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of United States dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Photographic and projection goods and instruments	-------	-------	-------	-------	399	448	248	500
Electrical equipment, instruments and apparatus	-------	-------	-------	-------	337	295	411	1,014
Machinery	-------	-------	-------	-------	1,423	1,051	525	1,894
Cotton yarn ... 1,000 lb	2,116	5,225	54	314	365	832	76	377
Cotton piece goods ... 1,000 yd	33,977	26,455	2,384	53,153	2,446	1,927	1,645	20,537
Cotton thread and yarn for sewing, knitting, and crocheting	-------	-------	-------	-------	50	53	135	475
Cotton household goods, incl. blankets, carpets, and rugs	-------	-------	-------	-------	80	197	258	832
Other cotton goods, excl. clothing	-------	-------	-------	-------	15	13	75	197
Woolen piece goods ... yards	37,344	42,249	93,775	268,242	29	29	199	411
Silk and manufactures, excluding clothing	-------	-------	-------	-------	198	219	21	46
Artificial silk piece goods and other artificial silk manufactures, excluding clothing	-------	-------	-------	-------	567	587	345	1,002
Cordage, including twine, yarn, and fish nets ... 1,000 lb	3,577	3,221	2,352	3,795	275	260	308	932
Gunny bags ... bales of 100	50,047	48,589	49,430	97,637	475	428	1,235	2,992
Jute piece goods ... 1,000 yd	14,934	2,799	391	1,112	621	104	88	218
Apparel	-------	-------	-------	-------	1,150	929	580	3,192
Formic acid ... 1,000 lb	441	262	119	670	48	30	31	264
Other acids ... do	887	356	500	1,866	55	26	142	406
Drugs and medicines	-------	-------	-------	-------	1,332	1,226	1,797	2,671
Dyes, paints, and enamels	-------	-------	-------	-------	1023	328	234	419
Essential oils, incl. synthetic	-------	-------	-------	-------	111	51	528	1,116
Kerosene ... long tons	227,154	282,284	101,038	236,902	5,664	6,926	1,903	1,725
Fuel oil ... 1,000 bbl	1,673	2,079	744	1,745	4,566	4,774	1,227	5,546
Lubricating oil, mineral ... do	18	22	12	38	277	344	281	901
Gasoline ... do	2,870	3,115	888	1,178	21,901	20,205	3,433	6,071
Other petroleum products, incl. paraffin, asphalt, and bitumen ... 1,000 lb	2,477	1,696	1,145	1,028	53	34	76	32
Soap, household and laundry ... 1,000 lb	2,038	1,989	20,434	16,343	71	65	2,283	1,994
Other soap and candles	-------	-------	-------	-------	29	25	136	72
Paper and paper manufactures	-------	-------	-------	-------	704	907	1,235	2,181
Bicycles and parts	-------	-------	-------	-------	201	139	39	475
Automobiles, passenger, new and used ... number	1,511	1,773	32	170	1,125	1,340	48	279
Motortrucks, new and used ... do	989	863	36	247	678	604	64	250
Parts for motor vehicles, incl. engines	-------	-------	-------	-------	259	311	37	116
Other vehicles and parts, incl. railway, aircraft, and boats	-------	-------	-------	-------	68	140	98	468
Rubber shoes ... dozen pairs	67,264	71,957	35,240	58,701	152	184	278	592
Motor vehicle tire casings ... number	19,109	18,552	1,209	19,443	254	254	45	661
Other tires and tubes	-------	-------	-------	-------	159	139	1,580	1,040
Other rubber manufactures	-------	-------	-------	-------	582	502	294	461
Books and printed matter	-------	-------	-------	-------	116	120	100	234
Phosphate of lime ... 1,000 lb	340,343	328,693	72,650	230,507	1,498	1,170	327	1,040
Other fertilizers	-------	-------	-------	-------	199	151	25	20
Joss sticks and joss paper	-------	-------	-------	-------	87	82	243	280
Matches	-------	-------	-------	-------	31	25	526	685
Perfumery, cosmetics, and toilet requisites	-------	-------	-------	-------	111	97	620	958
Umbrellas ... dozen	60,778	57,944	9,007	22,651	61	60	64	137
Other merchandise	-------	-------	-------	-------	6,010	4,626	6,794	11,521
Gold bullion	-------	-------	-------	-------	2,105	4,183	50	-------
Gold coin	-------	-------	-------	-------	952	604	-------	-------
Silver bullion	-------	-------	-------	-------	222	1,005	1	27
Silver coin	-------	-------	-------	-------	58	89	14	-------
Total parcel post	-------	-------	-------	-------	1,291	1,084	(2)	(2)

[1] Less than $500.
[2] Not available.

Trade With the United States by Principal Commodities

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of United States dollars) 1937	Value 1938	Value 1946	Value 1947
General imports from the United States, total, excluding bullion and coin					**9,225**	**9,752**	**6,627**	**64,900**
Wheat flour ... cwt	1,658	2,083	181,888	980,627	6	6	710	5,368
Fish, canned, dried, and salted ... 1,000 lb	1,402	4,386	2	260	120	344	1	154
Fruits, fresh ... do	3,951	3,707	----	2,668	369	307	----	373
Fruits, dried or canned, including fruit juice	----	----	----	----	229	198	13	133
Milk, condensed ... cases	----	----	1,049	570,566	----	----	6	4,667
Other milk, including powdered	----	----	----	----	6	7	518	2,214
Cigarettes ... pounds	26,970	35,071	38,009	461,317	31	41	50	573
Coal ... short tons	----	----	18,859	80,676	----	----	617	2,546
Oils, grease and wax, excluding essential oils and petroleum products	----	----	----	----	93	51	151	405
Iron and steel:								
Bars, rods, and small structural shapes ... short tons	20	209	185	3,415	2	13	22	414
Tinplate ... do	6,401	4,540	----	1,319	641	521	----	191
Other plate and sheet ... do	588	2,759	134	4,655	43	160	17	509
Pipes, tubes and fittings ... do	96	9	13	311	10	2	5	111
Wire, including cables, rope, fencing, and netting ... do	417	492	72	1,695	42	37	17	408
Other iron and steel manufactures	----	----	----	----	302	354	70	956
Aluminum sheets, bars, ingots, etc. ... 1,000 lb	----	----	----	1,420	----	----	----	459
Hardware, cutlery, and hand tools	----	----	----	----	165	96	37	480
Photographic and projection goods and instruments	----	----	----	----	260	205	177	702
Batteries, flashlight ... thousands	6,719	4,356	380	7,111	228	144	61	381
Electric refrigerators and parts	----	----	----	----	277	214	58	899
Radio sets and apparatus, including tubes and parts	----	----	----	----	166	97	9	147
Other electrical goods and apparatus	----	----	----	----	188	143	36	260
Dredges and dredging materials	----	----	----	----	295	1,318	135	728
Engines, all types, including boilers	----	----	----	----	255	28	8	203
Motors, generators, and other electric machinery	----	----	----	----	23	29	31	136
Office machinery	----	----	----	----	137	114	71	432
Other machinery and parts	----	----	----	----	551	525	437	1,152
Cotton piece goods ... 1,000 yd	210	508	1,920	44,723	38	83	817	20,505
Cotton household goods, including blankets, carpets and rugs	----	----	----	----	3	1	2	536
Other cotton goods, excluding clothing	----	----	----	----	4	2	2	220
Artificial silk piece goods ... 1,000 yd	1	17	----	4,086	1	13	----	3,736
Hosiery ... dozen pairs	5,039	5,561	1,243	27,048	28	25	4	258
Cotton underwear ... dozen	3,435	4,608	2,142	29,561	28	43	14	298
Other clothing of textile material	----	----	----	----	51	52	181	171
Formic acid ... 1,000 lb	----	----	18	918	----	----	7	351
Other acids ... do	3	7	708	4,184	2	2	118	420
Caustic soda and other sodium compounds ... 1,000 lb	123	541	11	2,233	4	13	3	414
Other chemicals	----	----	----	----	68	71	57	476
Drugs and medicines	----	----	----	----	210	227	57	233
Paints and paint materials, colors, dyes, printers ink, varnish, and turpentine	----	----	----	----	100	95	24	419
Gasoline ... 1,000 bbl	87	174	----	(1)	640	1,092	----	2
Lubricating oil ... do	61	37	69	178	731	537	1,090	3,377
Asphalt and bitumen ... 1,000 lb	20,964	21,307	340	12,475	277	246	6	281
Old newspapers ... do	441	614	647	18,110	8	8	103	846
Paper and manufactures thereof, including cardboard	----	----	----	----	65	51	228	143
Automobiles, passenger, new ... number	308	221	18	960	235	190	21	1,683
Motortrucks, new ... do	460	168	8	253	251	109	18	429
Parts for motor vehicles, including engines	----	----	----	----	430	371	86	1,044
Other vehicles and parts, including railway, aircraft, and boats	----	----	----	----	50	30	95	503
Motor vehicle tire casings ... number	17,061	16,388	383	38,740	136	145	10	858
Other tires and tubes	----	----	----	----	10	8	1	164
Buttons, studs, pins, buckles, etc. (hard haberdashery)	----	----	----	----	5	4	1	196
Stationery other than paper	----	----	----	----	29	40	60	217
Perfumery, cosmetics, and toilet requisites	----	----	----	----	195	204	8	71
All other merchandise	----	----	----	----	1,187	1,125	357	2,048
Gold coin	----	----	----	----	22	----	----	----

See footnote at end of table.

Trade With the United States by Principal Commodities—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947	Value (thousands of United States dollars) 1937	Value 1938	Value 1946	Value 1947
General exports to the United States, total, excluding bullion and coin	-------	-------	-------	-------	**231, 213**	**97, 333**	**121, 776**	**206, 338**
Sago, including pearl and flour...1,000 lb..	32, 030	13, 070	4, 988	3, 266	568	168	440	190
Nutmegs...do....	27	3	340	1, 019	3	(1)	126	363
Pepper, black and white...do....	493	78	14, 934	7, 603	38	4	5, 266	2, 866
Tobacco, leaf...do....	-------	-------	6, 058	1, 060	-------	-------	2, 707	921
Hemp and sisal hemp...do....	-------	-------	1, 707	3, 696	-------	-------	105	481
Gum damar...do....	10, 313	7, 659	2, 764	7, 916	449	297	415	770
Reptile skins, undressed...pounds..	-------	-------	580	19, 440	-------	-------	3	107
Gutta-percha...1,000 lb..	3, 347	3, 255	392	1, 062	343	344	351	860
Jelutong (pontianak)...do....	12, 421	16, 858	1, 335	7, 381	1, 865	2, 315	294	1, 671
Rubber, dry, including sole crepe...do....	811, 677	470, 877	574, 862	993, 756	146, 541	61, 971	110, 366	161, 614
Rubber latex...do....	16, 903	9, 941	2, 168	28, 724	3, 528	1, 482	581	6, 176
Rattans...do....	838	491	237	831	50	32	57	176
Tin, blocks, ingots, bars, or slabs...do....	144, 395	75, 380	-------	39, 200	76, 381	29, 939	-------	28, 621
Drugs and medicines...	-------	-------	-------	-------	(1)	-------	105	130
Essential oils...gallons..	765	288	1, 719	53, 737	18	5	235	568
Tungsten ore...1,000 lb..	1, 346	336	-------	-------	459	343	-------	-------
All other merchandise...	-------	-------	-------	-------	980	433	725	824
Gold bullion...	-------	-------	-------	-------	-------	172	-------	-------
Gold coin...	-------	-------	-------	-------	1	-------	-------	-------
Silver bullion...	-------	-------	-------	-------	-------	831	-------	-------

[1] Less than one-half the unit.

FINANCE

Federation of Malaya: Government Receipts and Expenditures [1] (Thousands of Straits Dollars)

Item	1941 Estimated	April-December 1946 budget	1947 Estimated budget
Total revenue	**138, 624**	**129, 836**	**240, 338**
Duties, taxes, and licenses	101, 296	101, 992	162, 704
Specific Government services	11, 563	8, 772	44, 780
Undertakings of commercial nature[2]	14, 594	10, 406	19, 216
Government property[3]	8, 515	6, 262	10, 039
Miscellaneous and land sales	[4] 2, 655	2, 403	2, 604
Colonial development fund	1	-------	995
Total expenditures	**138, 716**	**219, 588**	**350, 545**
Debt service	6, 377	14, 944	8, 991
Pensions, etc.	9, 424	14, 649	14, 712
Military	5, 823	1, 034	5, 306
Education	7, 217	8, 636	16, 325
Medical and Health	10, 043	9, 563	17, 590
Posts and Telecommunications	5, 828	6, 276	11, 461
Police and Prisons	7, 637	10, 253	20, 039
Drainage and Irrigation	3, 913	2, 386	7, 867
Electricity	3, 536	4, 444	8, 168
Public Works	26, 733	25, 061	45, 272
Sanitary Boards	4, 625	-------	-------
Railways	-------	7, 208	-------
Other	[5] 47, 560	[6] 115, 134	194, 814

[1] For 1941, estimates of revenue and expenditures of the territories now comprising the Federation of Malaya, but then consisting of the Federated Malay States, the Unfederated Malay States, and a portion of the Straits Settlements. The portion of the Straits Settlements not included now constitutes the Colony of Singapore, except for Labuan which is now outside British Malaya. For 1946, budget of Malayan Union, which became the Federation of Malaya on February 1, 1948. For 1947, estimated budget of Malayan Union.

[2] Including light, water, power, posts, telecommunications, and forests.

[3] Including interest and rent on Government property. Interest for indicated periods: 1941, S$7,035,000; April-December 1946, S$5,668,000; 1947, S$7,979,000.

[4] Including estimated revenue of S$750,000 to Perlis, for which detailed breakdown was not available.

[5] Including estimated expenditures of S$750,000 by Perlis, for which detailed breakdown was not available.

[6] Including S$34,000,000 to account of Relief Supplies and S$20,013,000 to Malaya Unallocated Account.

Colony of Singapore: Government Receipts and Expenditures (Thousands of Straits Dollars) [1]

Item	1947 January–June	Item	1947 January–June
Total revenues	[1] **24,695**	**Total expenditures**	[1] **21,637**
Licenses, excise, fees, internal revenue, etc.	18,854	Debt service	3,309
Posts and telecommunications	2,475	Pensions, retired allowances, gratuities, etc.	1,190
Rents on Government property	924	Education	979
Interest	1,103	Medical and Health	1,901
Miscellaneous	1,309	Police and Prisons	2,190
Land sales, etc.	30	Public Works	1,279
		Postal services and telecommunications	743
		Rehabilitation loan appropriation account[2]	3,005
		Other	7,041

[1] Budget for 1949, total revenues, S$103,000,000; total expenditures, S$97,000,000. Total revenues and expenditures for April-December 1946 amounted to S$29,293,000 and S$26,000,000, respectively. Figures for the 1946 and 1947 periods exclude receipts from and payments to the following accounts: Joint Colonial Fund, Cash in Transit, Investments, Advances, Imprests, Loans, Deposits, Suspense Accounts, and Drafts and Remittances. The Colony of Singapore came into existence on the resumption of civil government in April 1946; there are no available estimates of Government revenues and expenditures assignable to the area prior to that date.
[2] Expenditures met from proceeds of the 3 percent 1946 Rehabilitation Loan.

Currency and exchange.—Unit of currency is the Straits (or Malayan) dollar, which is linked to sterling at 2s.4d. and is issued by the Board of Commissioners of Currency, Malaya. Average noon buying rates of the Straits dollar in New York for cable transfers certified for customs purposes by the Federal Reserve Bank of New York were as follows (U.S. dollars per Straits dollar): 1934, $0.5091; 1935, $0.5717; 1936, $0.5826; 1937, $0.5797; 1938, $0.5692; 1939, $0.5174; 1940, $0.4680; 1941, $0.4713; 1942, $0.4692 (for that part of the year in which quotations were certified); par value announced by the International Monetary Fund on December 18, 1946, $0.470167.

At the time of the fall of Singapore in February 1942, the note circulation amounted to S$221,323,742. These notes are gradually being withdrawn and, up to the end of 1947, S$144,673,177 had been so withdrawn. On December 31, 1947, a total of S$317,972,060 had been issued in new notes since the liberation.

Notes and Coins in Circulation and Backing at Selected Dates

Item	December 31, 1946	June 30, 1947	December 31, 1947
Notes in circulation	S$405,885,090	S$412,090,721	S$412,103,847
Coins in circulation	28,653,840	28,717,950	28,767,826
Total in circulation	S$434,538,930	S$440,808,671	S$440,871,673
Currency fund, liquid portion[1]	S$266,851,804	S$277,754,331	S$251,374,874
Currency fund, investment portion[2]	197,271,008	183,292,995	187,446,835
Silver on hand and in circulation[3]	31,467,449	21,545,710	25,517,584
Total	S$495,590,261	S$482,593,036	S$464,339,293

[1] Includes short-term investments.
[2] At market value.
[3] At bullion value.

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REPUBLIC OF THE PHILIPPINES

(See general explanatory note, p. vi)

NOTE.—The Republic of the Philippines was established on July 4, 1946, in accordance with provisions of the Independence Act of 1934, Public Law 300, 76th Congress of the United States. The Act provided for the establishment of the Commonwealth of the Philippines, which was inaugurated in November 1935 to extend for a period of 10 years, with the United States withdrawing sovereignty on the 4th of July following the expiration of that period.

AREA AND POPULATION

Area, 115,600 square miles, including 770 square miles of lakes. Population, census figures: 1948, 19,234,180; 1939, 16,000,300; 1918, 10,314,310 (no intervening census). Chief cities, 1948 census: Manila, 983,906; Cebu, 167,503; Davao, 111,263; Iloilo, 110,127; Zamboanga, 103,317. Occupational status of inhabitants 10 years of age or older (1939 census): Agriculture, 3,456,370; domestic and personal service, 3,478,084; manufacturing, including mechanical workers, 601,335; trade, 270,766; transportation and communication, 203,596; fishing, 180,569; professional, 103,415; mining and quarrying, 47,019; public service, 49,620; clerical, 48,899; forestry and hunting, 26,820; nongainful workers (students, dependents and retired persons, status unknown), 2,437,400.

Education.—Enrollment in Philippine schools as of March, except 1944–45, figures for which are for September 1945, follows:

	1937–38	1938–39	1944–45	1945–46
Enrollment, total	1,615,092	1,746,452	2,281,350	2,587,038
Elementary schools	1,483,936	1,666,012	2,182,209	2,414,738
Secondary schools	104,976	76,758	98,286	164,913
Advanced institutions	26,180	3,682	855	7,387

Figures include private school enrollment except for 1938–39 and 1944–45, data for which are not available. Total private school enrollment in 1937–38 was 120,052; in 1945–46, 86,983.

Literacy, 18 percent in 1903, when the first census under American administration was taken; nearly 49 percent in 1939, the last census before establishment of the Philippine Republic, July 4, 1946. According to the 1939 census, 54 percent of the male and 43 percent of the female population were reported able to read and write. In Manila the rate of literacy was 81 percent, 86 percent for males and 75 percent for females. The 1939 census reported 55 percent of Manila's population able to speak English, while ability to do so in the Provinces ranged from 10 to 40 percent.

AGRICULTURE

Land distribution (classified by the Bureau of Forestry, 1939, in 1,000 acres).—Reserved for permanent forest land, 27,268; forests of commercial value, 14,413; forests of noncommercial value, 5,219; land in farms, 15,558; open land not in farms, 10,403; and unexplored land, 354. Total land area, 73,215.

Principal Crops: Area and Production

NOTE.—All periods cover crop years. 1946 and 1947 figures are preliminary.

Crop	Area (thousands of acres)					Production (thousands of short tons, except as specified)				
	1931–35, average	1937	1938	1946	1947	1931–35, average	1937	1938	1946	1947
Rice, rough	4,643	5,093	4,725	4,077	4,465	[1] 105,025	[1] 118,592	[1] 112,836	[1] 107,689	[1] 115,336
Corn	1,402	1,629	1,736	1,411	2,007	[1] 14,117	[1] 17,229	[1] 19,707	[1] 13,270	[1] 22,234
Coconuts	1,460	1,576	1,589	(2)	(2)	[3] 2,189	[3] 2,983	[3] 3,450	(2)	(2)
Copra						510	575	769	728	1,288
Abaca	1,159	1,242	1,256	(2)	(2)	178	221	182	55	111
Sugar, centrifugal	640	635	563	29	124	1,111	1,118	1,055	13	84
Tobacco	170	183	185	67	82	[4] 91,886	[4] 79,939	[4] 86,132	[4] 31,596	[4] 38,922

[1] Thousands of bushels.
[2] Not available.
[3] Millions of nuts gathered.
[4] Thousands of pounds.

Value of Principal Crops (Thousands of Dollars)

Crop	1931–35, average	1937	1938
Rice, rough	50,373	67,198	68,212
Corn	6,215	8,992	9,712
Coconuts	1,080	7,919	5,131
Copra	14,029	31,218	38,171
Abaca	5,687	12,560	11,336
Sugar, centrifugal	54,062	51,065	52,650
Tobacco	2,151	2,047	2,063

NOTE: Data not available for 1946 and 1947.

FISHERIES

Territorial waters include about 705,000 square statute miles of marine waters abounding in a great variety of fish; about 2,000 species. Fish pond area (acres): 5,764 (1946); 7,318 (1947). Fish industry is not developed on scientific scale and commercial catch is relatively small. Philippine Bureau of Fisheries reported 358 licensed commercial fishing boats operating in 1946 (catch of 17,530 short tons); 612 boats in 1947 (catch of 23,200 tons). Official estimates place the total annual catch, including noncommercial catches, at 950,000 tons, valued at around $50,000,000. Fish is second to rice in the native diet.

FORESTRY

Forest area.—Estimated at over 43,680,000 acres, or about 60 percent of total land area. About 3,000 species of trees yielding high proportion commercial hardwoods. Lauan family constitutes about 75 percent of total stands and 90 percent of volume of output. Sawmills in operation, with annual production of lumber, in million board feet, in parentheses: 1937, 124 (316); 1938, 141 (340). Sawmills, with aggregate daily capacity, in 1,000 board feet, in parentheses: 1946, 110 (766); 1947, 342 (2,212). Total investment in lumber industry: $24,500,000; annual value of major forest products entering trade, about $35,000,000.

Minor forest products.—Rattan, gums (chiefly copal and elem), resins, cutch and tanning barks, gutta percha, and firewood.

Rubber.—Five plantations, producing in 1947 about 2,300 short tons of rubber, compared with about 1,000 tons before the war (1,045 in 1938).

MINING AND MANUFACTURING

Quantity and Value of Mineral Output

Item	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Gold ... 1,000 fine oz.	704	897	(1)	[2] 61	24,625	31,315	(1)	[3] 2,125
Silver ... do	774	1,175	(1)	(1)	518	743	(1)	(1)
Iron ore ... 1,000 metric tons	601	920	----	----	1,326	2,025	----	----
Chrome ore ... metric tons	69,856	75,370	[2] 60,000	192,540	771	772	(1)	(1)
Manganese ore ... do	12,206	53,887	(1)	(1)	169	512	(1)	(1)
Copper concentrates ... do	(4)	4,255	----	----	(4)	838	----	----
Coal ... do	22,039	41,205	[2] 20,000	[5] 35,780	(1)	(1)	(1)	(1)

[1] Not available.
[2] Estimated; production irregular.
[3] Estimated at official rate of $35 per ounce.
[4] Official data not available prior to 1938; production negligible.
[5] Fiscal year 1947–48.

Manufacturing establishments, 1938 (1939 Census).—Total number of operators, 139,407; employees, 398,500; value of production, $178,662,660; capital invested, $178,187,300; gross receipts, $135,617,600. Factory production for export: Chiefly cigars, cigarettes, cordage, coconut oil, desiccated coconut, refined sugar, and canned pineapples. Manufacturing chiefly for domestic consumption: Cotton piece goods, clothing, shoes, furniture, vegetable lard and butter, soap, canned fish, beer and soft drinks, ice cream, distillery products, bottles, and tiles and construction blocks. Available statistics follow:

Manufacturing Production Statistics

Product	1937	1938	1946	1947
Coconut oil ... metric tons	193,355	221,991	[1] 20,300	[1] 70,000
Desiccated coconut ... 1,000 lb	76,582	64,265	[1] 18	70,647
Cordage ... metric tons	10,547	9,847	(2)	[1] 4,500
Cigars ... thousands	321,005	307,373	48,738	58,034
Cigarettes ... millions	3,273	3,291	1,138	1,868
Refined sugar ... 1,000 lb	[3] 121,973	[3] 110,597	----	[1] 35,000
Fermented liquors ... 1,000 gage liters	4,090	5,862	(2)	(2)
Distilled spirits ... 1,000 proof liters	86,571	105,461	(2)	(2)
Denatured alcohol ... do	82,382	101,103	52	(2)
Cement ... 1,000 bbl	879	979	330	1,081

[1] Estimated.
[2] Not available.
[3] Exports.

Electric power, 1938 (1939 census).—Electric light and power companies, numbering 195, operated 355 generators; total rated capacity 75,480 kw., production 208,670,200 kw.-hr. Manila Electric Co., furnishing power to Manila and several Provinces in central Luzon, accounted for 75 percent total generating capacity, producing 144,823,000 kw.-hr. in 1938.

In 1947 the company operated four generating plants, with total capacity of 83,200 kw., producing 252,464,000 kw.-hr. (150,261,000 kw.-hr. in 1946). There were 106 other companies operating throughout the country in 1947; total capacity, 11,579 kw.

TRANSPORTATION AND COMMUNICATION

Highways.—Of 15,529 miles of highways open to traffic in 1947, 7,167 were national roads and 8,362 provincial. Of 7,881 prewar bridges, 5,035 were destroyed during the war; by the end of 1947 only two were permanently rebuilt.

Statistics of Highways and Motor Vehicle Registrations

[Years ended June 30, unless otherwise specified]

Item	1937	1938	1946	1947[1]
Highways, total...miles	10,949	11,915	14,966	15,529
First class...do	6,140	6,468	7,898	(2)
Second class...do	3,513	3,713	4,730	(2)
Third class...do	1,296	1,734	2,338	(2)
Motor vehicles registered[3]...number	49,194	51,751	59,609	76,060
Passenger cars...do	30,361	32,301	21,783	27,867
Trucks...do	18,293	18,869	37,376	47,658

[1] Year ended December 31.
[2] Not available.
[3] Total motor vehicle registrations include motorcycles.

Statistics of Railways (Years ended December 31, 1937, and 1938; June 30, 1946, and 1947)

Item	1937	1938	1946	1947
Length of line, total[1]...miles	810	832	564	610
Locomotives...number	178	178	81	94
Passenger cars...do	354	372	163	183
Freight cars...do	2,438	2,368	1,735	2,228
Passengers carried...thousands	12,752	12,628	[2] 2,035	4,806
Freight carried...1,000 tons	2,144	2,126	[2] 204	943
Gross receipts[3]...1,000 dollars	4,101	4,327	[2] 2,203	6,690

[1] Line excludes yard track and sidings.
[2] Six months January-June 1946. Manila Railroad Co. was operated by U.S. Army May 1945-January 1946; operating revenue from civilian passengers and freight, approximately $500,000.
[3] Includes revenue from passengers and freight only.

Domestic Aviation Operations (Years ended December 31)

Item	1937	1938	1946	1947
Planes in operation...number	(1)	(1)	152	206
Distance flown...1,000 miles	844	784	5,755	5,568
Passengers carried...number	22,384	21,728	280,650	307,319
Freight carried...1,000 lb	89	1,043	15,734	11,041
Mail carried...pounds	5,324	8,661	121,835	517,058

[1] Not available.

International service of Philippine air lines, 1947 (1946 in parentheses).—Total miles flown, 1,461,599 (439,427); passengers carried, 14,001 (3,710); freight carried, in pounds, 703,465 (182,925).

Number and Tonnage of Vessels Engaged in Foreign Trade Entered and Cleared at Philippine Ports

Port	Entered				Cleared			
	1937		1938		1937		1938	
	Number	Tonnage	Number	Tonnage	Number	Tonnage	Number	Tonnage
Total	**1,616**	**6,111,692**	**1,764**	**6,751,765**	**1,632**	**6,222,960**	**1,740**	**6,678,230**
Manila	968	4,093,720	939	4,052,747	957	4,076,176	907	3,902,732
Iloilo	119	420,204	165	580,210	140	491,869	177	639,598
Cebu	261	920,955	327	1,180,511	245	899,998	323	1,191,006
Jolo	21	15,439	24	23,887	21	19,420	25	26,447
Zamboanga	77	123,610	73	165,358	78	139,088	75	167,031
Davao	57	192,727	54	176,446	62	195,676	56	191,742
Legaspi	26	79,804	39	120,723	21	65,190	41	125,863
Aparri	15	15,406	18	14,895	15	15,406	15	12,168
Jose Panganiban	72	249,827	125	436,988	93	320,137	121	421,643

Nationality of Oceangoing Vessels Engaged in Philippine Trade

Nationality	1937		1938		1946[1]	
	Number	Net tonnage	Number	Net tonnage	Number	Net tonnage
Total	**618**	**2,329,606**	**633**	**2,369,740**	**218**	**908,236**
American	81	327,623	57	235,788	134	631,413
British	169	687,592	189	734,884	28	96,037
Japanese	136	444,859	140	512,286	-----	-----
Chinese	18	51,854	9	27,258	1	702
Norwegian	67	221,747	76	239,407	18	60,085
German	43	208,205	46	203,561	-----	-----
Dutch	45	166,184	40	169,392	12	53,756
Danish	19	76,923	26	88,537	9	31,307
Swedish	12	44,710	17	52,151	6	15,953
Italian	8	44,448	6	48,832	-----	-----
All others	20	55,461	27	57,644	10	18,983

[1] January–September 1946.

Postal, Telegraph and Telephone Services

Item	1937	1938	1946	1947
Postal:				
Offices ... number	1,012	1,044	1,031	(1)
Mail handled ... 1,000 pieces	122,673	164,941	(1)	(1)
Gross receipts ... 1,000 dollars	1,550	1,591	(1)	(1)
Telegraph:				
Offices ... number	543	552	[2] 125	354
Length of wire ... 1,000 miles	8,819	8,821	(1)	(1)
Telegrams handled ... thousands	1,257	1,592	193	(1)
Gross telegram revenue ... 1,000 dollars	585	724	241	(1)
Telephone:[3]				
Instruments ... number	32,796	33,923	[4] 3,200	[4] 7,000
Private stations ... do	30,386	31,419	(1)	(1)
Government stations ... do	2,410	2,504	(1)	(1)
Length of wire ... miles	81,459	82,693	(1)	(1)
Gross revenue ... 1,000 dollars	812	861	(1)	(1)

[1] Not available. [2] Estimated.
[3] Telephone data shown for 1937 and 1938 are for 1939 and 1940, respectively; data for 1937 and 1938 unavailable.
[4] Estimated, Manila only.

FOREIGN TRADE

Per capita trade.—1947: Imports, $26.90; exports, $13.90.

Basis of trade statistics.—Both imports and exports are recorded at declared values on an f. o. b. basis, defined in the tariff schedule as the actual market value of merchandise at time and place of shipment, including cost of packing and all other costs of preparing merchandise for shipment. In the case of imports, the values are figured as of the port of original shipment. Recorded values of imports can be roughly adjusted to a c. i. f. basis by adding from 15 to 20 percent to cover insurance and freight.

Prior to 1940, Philippine trade statistics were compiled by the Bureau of Customs of the Department of Finance, and imports were recorded on the basis of liquidation of customs entries, i. e., not until all duties and other charges had been paid and other customs formalities complied with. Periods of up to 2 years were permitted and elapsed before import statistics were available. Beginning with 1940 the Bureau of Census and Statistics undertook the publication of trade data, and the method was changed to the recording of imports upon actual arrival, including imports intended for bonding. It is therefore obvious that import statistics prior to 1940 are not comparable with those of later years. Under the old system recorded imports of particular commodities may indicate a heavy decline for a period when actual arrivals increased, and vice versa. In making the change, no provision was made for recording imports which had actually arrived but had not been liquidated. The total value of such imports, lost so far as Philippine statistics are concerned, has been estimated by the U. S. Foreign Service at $25,000,000. Exports are recorded at the time of shipment.

Imports are classified under the country of shipment, exports under the country of destination, both according to through bills of lading.

Trade figures include parcel post and personal baggage when dutiable.

Trade values for all years covered have been converted to United States dollars at the official rate of 2 pesos to $1.

Value of Imports and Exports

Year	Merchandise						Gold and silver, including ore			
	Thousands of pesos			Thousands of dollars			Thousands of pesos		Thousands of dollars	
	General imports	Domestic exports	Reexports	General imports	Domestic exports	Reexports	Imports	Exports	Imports	Exports
1934	167,214	218,929	1,878	83,607	109,465	939	31	11,674	16	5,837
1935	171,048	186,333	2,159	85,524	93,166	1,080	26	15,367	13	7,684
1936	202,252	271,125	1,771	101,126	135,562	886	7	22,460	4	11,230
1937	218,051	300,094	2,438	109,026	150,047	1,219	20	28,655	10	14,327
1938	265,215	228,719	2,872	132,608	114,359	1,436	20	62,413	10	31,206
1939	245,130	239,932	2,199	122,565	119,966	1,100	----------	[1] 73,653	----------	36,826
1940	269,454	227,567	6,529	134,727	113,784	3,265	8	[1] 77,753	4	38,876
1941	271,183	311,427	10,843	135,592	155,714	5,422	(2)	(2)	(2)	(2)
1945[3]	57,867	471	873	28,934	236	437	(2)	(2)	(2)	(2)
1946[4]	591,716	106,057	22,318	295,858	53,029	11,159	(2)	----------	(2)	----------
1947[4]	1,022,700	483,892	45,157	511,350	241,946	22,579	(2)	2,047	(2)	1,024

[1] Bullion and ore only.
[2] Not available.
[3] June through December only.
[4] Figures are provisional.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports[1]				Exports, including reexports[1]			
	1937	1938	1946	1947[2]	1937	1938	1946	1947[2]
Total	**109,026**	**132,608**	**295,858**	**511,350**	**151,266**	**115,795**	**64,188**	**264,525**
United States[3]	63,657	90,778	257,666	441,075	121,670	90,446	39,049	153,057
Arabia	(4)	(4)	----------	3,319	(4)	(4)	----------	131
Argentina	10	56	504	1,544	79	20	3	1,512
Australia	2,521	2,350	28	1,759	524	464	2	392
Belgium	1,433	1,272	537	2,430	960	582	635	5,496
Canada	1,662	1,468	6,730	13,812	561	293	1,595	5,599
China	3,312	3,074	4,846	14,268	967	952	4,985	1,422
Cuba	3	3	2,676	----------	1	52	----------	----------
Czechoslovakia	190	361	2	91	1	----------	----------	2,943
Denmark	31	52	68	213	645	1,548	729	10,064
Ecuador	(4)	(4)	----------	2,275	20	5	17	5
France	843	1,052	149	908	795	1,592	2,918	17,628
French East Indies	1,356	487	2	----------	48	57	1,267	----------
Germany	4,144	4,155	(4)	----------	1,811	1,494	----------	----------
Hong Kong	1,101	803	60	98	1,033	921	3,890	2,843
Indonesia	2,268	2,921	1,297	2,314	446	495	1,170	4,869
Iran	----------	----------	104	2,431	6	5	----------	145
Italy	134	228	85	335	964	214	509	7,802
Japan	16,102	12,707	(4)	953	10,015	7,513	----------	2,253
Mexico	8	5	6,472	----------	1	255	207	----------
Netherlands	2,203	2,917	381	1,132	1,069	2,541	560	1,846
Nicaragua	----------	----------	1,031	----------	1	2	----------	----------
Norway	70	70	536	683	364	224	1,241	3,855
Peru	----------	----------	1,290	----------	112	60	35	----------
Thailand	848	8	3,217	2,520	155	164	127	473
Spain	172	80	1,116	1,270	19	255	312	1,560
Sweden	451	518	717	1,351	447	349	361	2,769
Switzerland	572	932	508	1,201	9	10	41	3,357
United Kingdom	2,611	2,716	1,306	3,100	6,233	3,009	2,425	8,192
British Africa	12	55	182	86	316	252	9	3,759
India	(5)	(5)	1,463	3,981	(5)	(5)	93	2,431
Malaya	(5)	(5)	33	160	(5)	(5)	673	7,005
British East Indies	2,413	2,344	1,305	2,938	698	678	3	17
Uruguay	131	163	12	----------	4	2	666	----------
Chile	(4)	(4)	661	----------	34	80	65	----------
Percent of total:								
United States	58.4	68.5	87.1	86.3	80.4	78.1	60.8	57.9
China	3.0	2.3	1.6	2.8	.6	.8	7.8	.5
France	.8	.8	.1	.2	.5	1.4	4.5	6.7
Hong Kong	1.0	.6	(6)	.1	.7	.8	6.1	1.1
Japan	14.8	9.6	(6)	.2	6.6	6.5	----------	.9
United Kingdom	2.4	2.0	.4	.6	4.1	2.6	3.8	3.1

[1] Excluding gold and gold ore, silver, and coin.
[2] Figures are provisional.
[3] Including territories and insular possessions.
[4] Less than $500.
[5] Not reported separately for prewar years; trade, if any, included in figures for British East Indies.
[6] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947 [1]	1937	1938	1946	1947 [1]
Imports, total, excluding bullion and coin					**109,026**	**132,608**	**295,858**	**511,350**
Meat products, canned ... 1,000 lb.	4,398	5,578	4,427	12,346	500	616	1,437	4,193
Other meat and meat products					767	859	335	1,025
Milk, evaporated and condensed ... 1,000 lb.	42,476	49,008	69,670	88,704	3,086	3,601	8,734	16,403
Other dairy products					634	874	1,978	4,863
Fish, canned ... do.	36,182	30,809	45,095	92,146	1,455	1,538	7,826	15,392
Fish, dried, smoked, salted or cured ... do.	4,354	3,706	1,759	2,780	289	318	598	525
Eggs, in the shell ... 1,000 doz.	1,970	1,291	1.474	4,880	153	151	1,115	2,595
Leather ... 1,000 lb.	1,980	2,200	2,017	4,376	1,035	1,163	1,303	4,306
Boots and shoes ... 1,000 pr.	105	162	1,463	1,846	214	271	2,852	5,349
Other leather manufactures					245	251	1,184	997
Artificial leather					69	97	79	620
Wheat flour ... 1,000 cwt.	1,660	2,039	2,819	3,433	4,103	5,132	14,554	26,068
Rice ... 1,000 lb.	163,143	20,677	258,238	159,895	2,432	500	19,769	16,772
Other cereals and cereal products, including starches ... 1,000 lb.			23,882	45,452	987	1,111	3,857	6,547
Vegetables, fresh ... do.	53,120	59,520	39,654	42,752	649	921	3,298	2,553
Vegetables, canned ... do.	6,457	5,743	6,453	8,245	372	345	1,023	1,137
Dried vegetables and vegetable products					731	727	3,699	4,085
Fruits, fresh ... 1,000 lb.	17,776	25,540	42,231	54,557	784	1,237	4,413	6,166
Fruits, canned, dried and preparations, including fruit juices					357	470	3,251	2,233
Nuts and preparations					101	93	265	574
Vegetable oils					368	345	189	796
Cocoa ... 1,000 lb.	5,833	7,048	4,524	5,388	634	665	814	1,488
Coffee ... do.	7,954	10,681	14,542	20,143	680	790	3,139	5,594
Sugar, molasses, and sirups ... do.	4,786	5,161	41,671	10,218	200	194	6,153	1,118
Confectionery, candies, and chewing gum ... 1,000 lb.	2,888	2,183	2,674	7,681	267	293	1,115	2,555
Wines, beer, and liquors					710	787	7,489	7,380
Nonalcoholic beverages, including concentrates, flavoring and sirups					95	119	190	1,113
Tires and tubes, automobile ... thousands	196	238	107	471	1,373	1,762	1,877	5,715
Rubber boots and shoes, including soles and heels					168	219	820	2,673
Rubber belts and belting					96	102	931	1,588
Other rubber manufactures					557	599	1,357	2,310
Vegetable wax ... 1,000 lb.	229	813	1,113	5,317	19	35	277	1,667
Cigarettes ... millions	1,829	4,022	8,674	9,192	2,936	6,866	22,144	21,161
Other tobacco ... 1,000 lb.	1,839	2,800	591	1,107	734	1,068	427	718
Raw cotton ... do.	395	829	1,168	3,896	49	84	227	1,240
Cotton yarns, twine, and thread					1,789	2,186	3,520	5,759
Cotton piece goods ... 1,000 sq. yd.	119,682	156,550	83,363	123,464	10,679	14,374	26,074	43,389
Other cotton fabrics and household articles					1,590	2,011	5,804	13,924
Cotton clothing					2,554	2,376	8,208	7,077
Other cotton manufactures					692	733	3,406	5,268
Burlaps, bagging, and bags					1,639	1,715	2,201	4,314
Woolen woven fabrics					335	314	449	1,879
Woolen clothing					101	128	360	903
Rayon and other synthetic textiles and manufactures:								
Piece goods ... 1,000 sq. yd.	27,015	24,726	6,467	51,406	1,838	1,964	4,083	31,210
Other fabrics and remnants					196	147	4,976	8,479
Clothing					133	177	5,196	4,865
Other manufactures					87	124	570	739
Wood, bamboo, rattan, reeds, and manufactures					544	768	911	1,867
Newsprint ... 1,000 lb.	(2)	37,086	23,984	38,638	(2)	1,315	1,897	3,899
Other paper					2,384	1,799	4,740	6,084
Wallboard, roofing and building paper, cardboards and manufactures					462	555	1,590	4,681
Books and other printed matter					941	1,501	3,366	4,780
Gasoline ... 1,000 bbl.	832	856	737	2,475	2,473	3,125	3,279	8,654
Other petroleum products					4,030	5,085	5,560	11,407
Glass and glass products					1,025	1,130	2,863	5,053
Manufactures of clay, earths and asbestos, including tableware and abrasives					608	776	2,256	3,189

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947	1937	1938	1946	1947
Iron and steel and manufactures:								
Sheets and plates.........short tons..	46, 262	43, 146	12, 442	25, 701	3, 374	4, 020	1, 521	3, 849
Rods and bars.........short tons..	33, 306	28, 544	4, 963	17, 588	1, 033	1, 353	407	1, 929
Structural.........do....	8, 339	7, 237	6, 546	8, 848	562	537	770	1, 449
Wire and manufactures, including wire nails.........short tons..	21, 700	18, 955		17, 582	1, 539	1, 532	1, 349	3, 372
Hand tools.........					796	812	1, 162	2, 425
Pipes and fittings.........short tons..	17, 677	16, 883	3, 258	7, 410	1, 119	1, 232	353	1, 419
Other.........					2, 218	2, 446	3, 116	8, 631
Aluminum, sheet.........							1, 524	6, 980
Aluminum manufactures, other.........					138	155	378	933
Brass and bronze and manufactures.........					514	447	1, 150	2, 797
Copper wire, including insulated.........					428	484	600	1, 809
Precious metals, jewelry, and plated ware					378	401	1, 244	1, 076
Metal furniture.........					205	170	410	1, 600
Miscellaneous metal manufactures.........					1, 034	1, 267	1, 724	4, 121
Office machinery.........					541	480	636	1, 769
Printing and bookbinding machinery.........					118	407	289	951
Power-generating machinery, except electric.........					1, 395	1, 482	728	2, 845
Metalworking machinery.........					10	33	50	560
Pumps and pumping machines.........					230	347	174	1, 028
Sawmill machinery and parts.........					82	211	244	999
Sewing machines and parts.........					1, 002	1, 676	344	1, 811
Agricultural machinery and implements					191	178	226	2, 008
Other machinery, except electrical.........					3, 628	4, 477	1, 625	8, 252
Electric batteries, including flashlight.........					355	239	580	1, 687
Electric motors, generators and parts.........					[3] 720	[3] 774	209	1, 102
Other electrical machinery and parts.........							155	705
Radio receivers, transmitters and parts.........					490	529	696	1, 929
Electric refrigerators and parts.........					160	183	333	1, 639
Electric transformers.........					(4)	78	198	589
Electric wiring fixtures.........					147	214	756	2, 137
Other electrical apparatus and equipment					1, 170	1, 361	2, 312	6, 302
Automobiles, passenger.........number..	3, 574	3, 897	2, 580	5, 000	2, 433	2, 779	2, 693	6, 722
Motor trucks.........do....	1, 851	3, 257	3, 257	5, 000	1, 143	2, 081	4, 757	8, 298
Automotive parts and accessories, except tires.........					1, 035	1, 495	2, 021	4, 972
Tractors and parts.........					394	417	296	1, 255
All other vehicles and parts, including aircraft, railway and boats.........					1, 112	1, 155	716	1, 993
Drugs and medicinal and pharmaceutical preparations.........					1, 264	2, 246	7, 491	8, 170
Caustic soda.........1, 000 lb..	7, 721	10, 639	13, 366	14, 859	164	239	751	1, 576
Calcium carbide.........do....	4, 601	4, 451	6, 153	9, 145	113	112	324	524
Flavoring preparations, synthetic.........					(5)	(5)	353	968
Dyes and dyeing materials.........					87	318	148	510
Other chemicals.........					906	1, 147	1, 610	3, 065
Ammonium sulfate fertilizer.....1, 000 lb..	79, 218	65, 419	6, 362	38, 843	998	906	167	1, 421
Other chemical fertilizers.........					747	575	17	535
Paints, ready mixed.........1, 000 lb..	1, 265	1, 305	4, 010	10, 611	132	146	742	2, 365
Other paints, pigments and varnishes.........					799	800	1, 495	2, 345
Soaps.........1, 000 lb..	6, 759	5, 794	4, 277	6, 424	514	631	608	1, 748
Toilet preparations.........					848	1, 081	6, 307	4, 850
Photographic and projection goods.........					638	859	2, 191	2, 286
Scientific and professional instruments.........					233	284	585	1, 479
Musical instruments, including phonographs and records.........					322	392	363	1, 486
Toys, games, and sporting goods, excluding firearms.........					311	430	619	1, 927
Clocks, watches and parts.........					410	495	673	892
Manufactures of bakelite, casein plastics, and celluloid, including buttons.........					123	101	1, 420	1, 856
Candles.........1, 000 lb..	15	42	1, 775	3, 205	2	7	481	668
Matches.........do....	858	999	4, 504	2, 822	78	98	1, 176	938
Pencils and fountain pens.........					222	282	926	1, 905
Other merchandise.........					8, 472	9, 501	11, 637	10, 954
Gold bullion.........					9	10	(6)	(6)
Silver bullion and coin.........					1		(6)	(6)

[1] Figures are provisional.
[2] Not separately reported prior to 1938. 1937 imports included in "Other paper."
[3] Includes electrical machinery.
[4] Not separately reported prior to 1938.
[5] Not separately reported for 1937 and 1938.
[6] Not available.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Domestic exports, total, excluding gold and silver bullion, and coin, and gold ore	-------	-------	-------	-------	**150, 047**	**114, 359**	**[2] 53, 029**	**241, 946**
Hides and skins ____ 1, 000 lb..	4, 178	4, 325	1, 872	2, 348	320	249	381	469
Pineapple, canned ____ do....	24, 160	19, 645	-------	-------	1, 673	1, 065	-------	-------
Coconut, dessicated or shredded ____ do....	89, 826	75, 567	10, 273	46, 696	6, 347	3, 817	2, 050	9, 527
Coconut oil ____ do....	360, 005	365, 132	3, 355	40, 000	20, 526	10, 767	315	6, 970
Copra ____ do....	521, 485	754, 121	859, 761	2,223,123	15, 985	12, 256	[3] 39, 011	177, 208
Copra meal or cake ____ long tons..	108, 783	127, 298	5, 766	26, 660	2, 900	2, 748	329	2, 132
Molasses and sirup ____ 1, 000 lb..	121, 509	64, 189	1, 012	15, 582	277	150	51	280
Sugar, centrifugal (raw) ____ million lb..	1, 798	1, 804	-------	42	52, 569	45, 963	-------	2, 042
Sugar, refined ____ 1, 000 lb..	122, 005	110, 627	-------	-------	5, 129	4, 060	-------	-------
Rubber, crude ____ do....	919	1, 459	1, 199	3, 228	178	177	265	584
Tobacco, leaf ____ do....	17, 804	21, 689	3, 613	10, 254	1, 243	1, 423	919	2, 018
Cigars ____ thousands..	204, 620	196, 694	5, 492	1, 372	3, 073	3, 025	324	104
Other tobacco ____	-------	-------	-------	-------	668	517	10	70
Abaca (Manila hemp) unmanufactured, all grades ____ long tons..	162, 728	139, 083	24, 096	84, 661	21, 640	10, 159	4, 827	31, 716
Cordage ____ 1, 000 lb..	16, 449	15, 315	4, 381	5, 227	1, 437	1, 199	1, 111	1, 468
Maguey fiber ____ long tons..	15, 339	6, 262	-------	7, 719	1, 087	327	-------	1, 642
Embroideries, cotton ____	-------	-------	-------	-------	3, 580	5, 061	42	1, 168
Hats, fiber, straw, etc. ____ thousands..	565	441	147	101	467	318	233	185
Logs, lumber, and timber ____ 1, 000 bd. ft..	251, 560	160, 481	489	([4])	3, 943	2, 826	88	264
Furniture, wicker or rattan ____	-------	-------	-------	-------	187	192	491	474
Ore, chromite ____ 1, 000 lb..	154, 005	147, 512	-------	35, 606	771	789	([3])	223
Ore, manganese ____ do....	26, 909	108, 817	-------	-------	169	500	-------	-------
Ore, iron ____ 1,000 short tons..	663	1, 004	-------	-------	1, 326	2, 041	-------	-------
Ore, copper ____ 1, 000 lb..	33, 982	53, 351	-------	-------	328	642	-------	-------
Brass and copper scrap ____ do....	697	743	12, 189	12, 767	57	47	702	1, 161
Shells and manufactures ____	-------	-------	-------	-------	335	245	508	594
Other merchandise ____	-------	-------	-------	-------	3, 832	3, 797	1, 372	1, 647
Reexports ____	-------	-------	-------	-------	1, 219	1, 436	11, 159	22, 579
Gold bullion ____	-------	-------	-------	-------	13, 683	30, 438	-------	910
Gold ore ____	-------	-------	-------	-------	645	69	-------	114
Silver bullion ____	-------	-------	-------	-------	-------	699	-------	-------

[1] Figures are provisional.
[2] Incomplete; does not include some shipments of copra and chrome ore, the quantities and values of which have been estimated as follows: Copra—160,000 metric tons, $16,000,000; chrome ore—60,000 metric tons, $500,000.
[3] See footnote 2.
[4] Not available.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Imports from the United States, total, excluding bullion and coin	-------	-------	-------	-------	**63, 657**	**90, 778**	**257, 666**	**441, 075**
Meat products, canned ____ 1, 000 lb..	1, 933	1, 916	2, 961	5, 121	303	333	1, 022	1, 888
Other meat and meat products ____ do....	1, 843	1, 016	419	650	315	249	158	375
Milk, evaporated and condensed ____ do....	12, 412	13, 823	67, 273	84, 507	757	872	8, 345	15, 714
Other dairy products ____ do....	842	1, 005	4, 202	10, 635	202	222	1, 925	3, 750
Fish, canned ____ do....	9, 586	12, 183	40, 421	68, 268	487	736	6, 684	11, 549
Fish, dried, smoked, salted, and cured 1, 000 lb..	260	379	1, 248	262	42	72	388	102
Eggs, in the shell ____ 1, 000 doz..	10	46	841	879	4	18	531	616
Leather ____ 1, 000 lb..	1, 567	1, 806	1, 955	4, 017	954	1, 087	1, 135	3, 608
Boots and shoes ____ 1, 000 pr..	103	155	1, 432	882	211	264	2, 811	2, 602
Other leather manufactures ____	-------	-------	-------	-------	195	203	1, 164	934
Artificial leather ____	-------	-------	-------	-------	69	97	79	618
Wheat flour ____ 1, 000 cwt..	595	1, 243	2, 013	2, 411	1, 574	3, 257	10, 211	17, 878
Rice ____ 1, 000 lb..	40	97	187, 250	110, 270	2	3	15, 894	11, 964
Other cereals and cereal products, including starches ____ 1, 000 lb..	7, 612	11, 612	20, 573	39, 374	461	548	3, 159	5, 177
Vegetables, fresh ____ do....	3, 803	15, 232	34, 921	31, 078	156	371	2, 635	1, 872
Vegetables, canned ____ do....	4, 702	4, 281	6, 316	6, 680	308	284	1, 005	823
Dried vegetables and vegetable products 1, 000 lb..	4, 350	4, 176	22, 445	23, 036	278	291	3, 366	3, 297

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity 1937	Quantity 1938	Quantity 1946	Quantity 1947[1]	Value (thousands of dollars) 1937	Value 1938	Value 1946	Value 1947[1]
Fruits, fresh ... do	7,379	15,514	40,895	51,786	524	926	4,244	5,875
Fruits, canned, dried, and preparations, including fruit juices ... 1,000 lb	3,706	5,214	19,905	11,230	274	372	3,124	1,776
Nuts and preparations ... do	68	108	507	1,043	14	20	175	278
Vegetable oils ... do	573	701	838	2,586	70	84	168	670
Cocoa ... do	2,720	3,609	1,929	2,709	270	333	318	645
Coffee ... do	3,166	3,975	12,139	13,034	381	442	2,678	4,371
Sugar, molasses, and sirup ... do	4,758	5,141	12,590	8,175	200	193	1,566	836
Confectionery, candies, and chewing gum ... 1,000 lb	915	1,014	2,584	6,865	189	237	1,082	2,498
Wines, beer, and liquors	-------	-------	-------	-------	266	346	5,359	4,831
Nonalcoholic beverages, including concentrates, flavoring and sirups	-------	-------	-------	-------	56	77	143	1,019
Tires and tubes, automobile ... thousands	192	232	107	460	1,359	1,728	1,877	5,642
Rubber boots and shoes, including soles and heels	-------	-------	-------	-------	189	116	741	1,766
Rubber belts and belting	-------	-------	-------	-------	85	79	930	1,559
Other rubber manufactures	-------	-------	-------	-------	317	315	1,438	1,700
Vegetable wax ... 1,000 lb	18	4	1,100	4,826	6	2	257	1,517
Cigarettes ... millions	1,829	4,022	8,674	9,192	2,936	6,866	22,144	21,161
Other tobacco ... 1,000 lb	1,808	2,773	591	1,105	691	1,036	426	698
Raw cotton ... do	395	829	1,168	3,384	49	83	227	1,086
Cotton yarns, twine, and thread	-------	-------	-------	-------	539	866	3,327	4,941
Cotton piece goods ... 1,000 sq. yd	34,851	97,065	70,296	103,541	4,859	10,018	20,326	38,837
Other cotton fabrics and household articles	-------	-------	-------	-------	1,152	1,636	5,775	13,489
Cotton clothing	-------	-------	-------	-------	627	745	8,155	5,897
Other cotton manufactures	-------	-------	-------	-------	380	459	2,703	4,533
Burlaps, bagging and bags	-------	-------	-------	-------	26	15	799	570
Woolen woven fabrics	-------	-------	-------	-------	30	31	436	1,720
Woolen clothing	-------	-------	-------	-------	50	86	359	594
Rayon and other synthetic textiles and manufactures:								
Piece goods ... 1,000 sq. yd	528	1,448	6,402	51,323	229	576	4,044	31,155
Other fabrics and remnants	-------	-------	-------	-------	176	119	4,973	8,468
Clothing	-------	-------	-------	-------	101	126	5,170	4,747
Other manufactures	-------	-------	-------	-------	12	27	556	364
Wood, bamboo, rattan, reeds and manufactures	-------	-------	-------	-------	368	621	788	1,480
Newsprint ... 1,000 lb	-------	16,843	14,493	26,614	(2)	823	1,213	2,873
Other paper	-------	-------	-------	-------	1,516	1,283	4,121	5,381
Wallboard, roofing and building paper, cardboard and manufactures	-------	-------	-------	-------	364	451	1,349	3,510
Books and other printed matter	-------	-------	-------	-------	809	1,367	3,252	4,415
Gasoline ... 1,000 bbl	717	660	380	929	2,129	2,535	1,928	3,205
Other petroleum products	-------	-------	-------	-------	2,731	3,620	4,392	5,852
Glass and glass products	-------	-------	-------	-------	314	435	2,687	4,130
Manufactures of clay, earths, and asbestos, including tableware and abrasives	-------	-------	-------	-------	194	299	1,974	2,302
Iron and steel and manufactures:								
Sheets and plates ... short tons	38,114	37,561	10,763	22,759	3,651	2,869	1,274	3,109
Rods and bars ... short tons	5,357	14,251	4,965	17,443	284	798	407	1,903
Structural ... do	7,713	6,897	6,016	8,130	491	505	702	1,339
Wire and manufactures, including wire nails ... short tons	8,181	10,990	-------	11,864	831	1,031	1,192	2,457
Hand tools	-------	-------	-------	-------	562	578	1,098	2,066
Pipes and fittings ... short tons	11,253	13,835	3,036	7,178	816	1,003	324	1,377
Other	-------	-------	-------	-------	1,245	1,449	2,726	6,380
Aluminum, sheet ... 1,000 lb	-------	-------	4,281	22,313	-------	-------	1,524	6,977
Aluminum manufactures, other	-------	-------	-------	-------	70	75	373	865
Brass and bronze and manufactures	-------	-------	-------	-------	283	211	1,067	2,415
Copper wire, including insulated ... 1,000 lb	-------	-------	2,304	4,949	381	418	591	1,773
Precious metals, jewelry, and plated ware	-------	-------	-------	-------	314	347	1,238	830
Metal furniture	-------	-------	-------	-------	198	163	409	1,583
Miscellaneous metal manufactures	-------	-------	-------	-------	667	802	1,677	2,598
Office machinery	-------	-------	-------	-------	526	469	608	1,608
Printing and bookbinding machinery	-------	-------	-------	-------	106	400	289	852
Power generating machinery, except electric	-------	-------	-------	-------	632	583	624	2,594
Metalworking machinery	-------	-------	-------	-------	9	32	49	560

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Pumps and pumping machines					217	324	160	839
Sawmill machinery and parts					72	208	237	996
Sewing machines and parts					985	1,665	344	1,800
Agricultural machinery and implements					164	149	204	1,884
Other machinery, except electrical					2,976	3,836	1,580	7,525
Electric batteries, including flashlight					345	228	575	1,611
Electric motors, generators, and parts					[3] 527	[3] 578	206	1,091
Other electrical machinery and parts							147	690
Radio receivers, transmitters, and parts					467	507	703	1,911
Electric refrigerators and parts					160	183	333	1,639
Electric transformers					(4)	76	198	588
Electric wiring fixtures					123	186	755	2,122
Other electrical apparatus and equipment					936	1,108	2,179	5,638
Automobiles, passenger ... number	3,527	3,837	2,532	5,000	2,413	2,750	2,660	6,603
Motor trucks ... do	1,846	3,255	4,175	5,000	1,140	2,078	4,757	8,279
Automotive parts and accessories, except tires					1,014	1,476	2,018	4,938
Tractors and parts					286	250	296	1,254
All other vehicles and parts, including aircraft, railway, and boats					675	773	690	1,180
Drugs and medicinal and pharmaceutical preparations					926	1,733	7,161	7,547
Caustic soda ... 1,000 lb.	7,154	10,547	13,289	14,788	156	237	747	1,570
Calcium carbide ... do	2,802	2,158	6,153	9,145	85	69	324	524
Flavoring preparations, synthetic					(5)	(5)	335	951
Dyes and dyeing materials ... 1,000 lb.			267	355	14	190	135	406
Other chemicals					458	595	1,556	2,282
Ammonium sulfate fertilizer ... 1,000 lb.	24,972	43,572	2,504	24,334	373	628	96	1,013
Other chemical fertilizers ... do	15,604	21,305	238	8,459	322	455	15	309
Paints, ready mixed ... do	1,160	1,279	3,982	10,573	128	145	734	2,354
Other paints, pigments, and varnishes ... 1,000 lb.	5,661	5,227	5,741	10,020	565	588	999	1,959
Soaps ... do	6,616	5,670	4,277	6,413	500	618	608	1,744
Toilet preparations					723	922	6,232	4,502
Photographic and projection goods					602	793	2,180	2,065
Scientific and professional instruments					149	142	572	1,448
Musical instruments, including phonographs and records					146	225	331	1,210
Toys, games, and sporting goods, except firearms					173	262	544	1,562
Clocks, watches, and parts					215	221	481	500
Manufactures of bakelite, casein plastic, and celluloid, including buttons ... 1,000 lb.	37	35	562	1,682	39	36	911	1,848
Candles ... do	9	35	1,775	3,205	2	6	481	668
Matches ... do	7	2	3,682	716	2	1	910	183
Pencils and fountain pens					170	221	926	1,814
Other merchandise					3,543	6,283	11,438	23,589
Gold bullion					9	10	(6)	(6)
Silver bullion and coin							(6)	(6)

1 Figures are provisional.
2 Nor separately reported prior to 1938. 1937 imports included in total for "Other paper."
3 Includes electrical machinery.
4 Not separately reported prior to 1938.
5 Not separately reported for 1937 and 1938.
6 Not available.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946	1947[1]	1937	1938	1946	1947[1]
Exports (including reexports) to the United States, total, excluding bullion, coin, and gold ore	--------	--------	--------	--------	**121,669**	**90,446**	**[2]39,049**	**153,057**
Hides and skins 1,000 lb.	141	126	1,870	1,698	10	7	381	314
Pineapple, canned do.	24,160	19,645	--------	--------	1,673	1,065	--------	--------
Coconut, dessicated or shredded do.	89,231	75,525	10,273	46,222	6,310	3,815	2,050	9,411
Coconut oil do.	353,483	351,938	1,089	26,230	20,177	10,359	104	4,573
Copra do.	457,391	501,419	637,076	1,293,661	14,425	8,105	[3]28,094	103,512
Copra meal and cake long tons	46,015	36,798	1,913	--------	1,431	802	101	--------
Molasses and sirup 1,000 lb.	20,205	--------	--------	--------	43	--------	--------	--------
Sugar, centrifugal (raw) million lb.	1,792	1,804	--------	42	52,494	45,963	--------	2,041
Sugar, refined 1,000 lb.	122,005	110,627	--------	--------	5,129	4,060	--------	--------
Rubber, crude do.	670	1,424	1,199	2,077	110	170	265	349
Tobacco, leaf do.	79	366	758	739	10	41	335	264
Cigars thousands	185,723	184,313	4,251	164	2,769	2,793	245	10
Other tobacco	--------	--------	--------	--------	622	437	7	--------
Abaca (Manila hemp), unmanufactured, all grades long tons	40,032	27,328	22,784	59,760	6,851	2,432	4,592	22,435
Cordage 1,000 lb.	5,443	4,228	1,332	2,015	579	424	305	516
Maguey fiber long tons	575	13	--------	4,856	39	1	--------	1,005
Embroideries, cotton	--------	--------	--------	--------	3,562	5,024	42	1,163
Hats, fiber, straw, etc. thousands	448	359	138	83	386	265	212	162
Logs, lumber, and timber 1,000 bd. ft.	34,653	22,499	489	1,815	1,270	795	88	162
Furniture, wicker and rattan	--------	--------	--------	--------	164	153	487	325
Iron and steel scrap short tons	--------	--------	--------	1,284	--------	--------	--------	139
Lead scrap 1,000 lb.	--------	--------	--------	1,660	--------	--------	--------	116
Ore, chromite do.	144,020	119,183	--------	35,606	703	713	([3])	223
Ore, manganese do.	10,395	--------	--------	--------	41	--------	--------	--------
Ore, iron short tons	1,624	--------	--------	--------	8	--------	--------	--------
Brass and copper scrap 1,000 lb.	--------	51	--------	2,092	--------	4	--------	162
Shells and manufactures	--------	--------	--------	--------	290	215	507	466
Other merchandise	--------	--------	--------	--------	2,573	2,803	1,234	5,709
Gold bullion	--------	--------	--------	--------	13,683	30,438	--------	70
Gold ore	--------	--------	--------	--------	645	69	--------	114
Silver bullion and coin	--------	--------	--------	--------	--------	700	--------	--------

[1] Figures are provisional.
[2] Incomplete; does not include some shipments of copra and chrome ore. (See table "Exports of Principal Commodities," footnote 2.)
[3] See footnote 2.

FINANCE

Government Receipts and Expenditures (Thousands of Pesos)

Item	Calendar years		Years ended June 30	
	1937, actual	1938, actual	1947, actual	1948, estimated
Receipts	**128, 154**	**131, 414**	**353, 169**	263, 240
Ordinary income	115, 351	108, 592	170, 200	258, 448
Taxation[1]	92, 232	84, 156	151, 505	223, 776
Incidental income	4, 837	4, 784	2, 881	4, 533
Earnings and other credits	18, 282	19, 652	15, 814	30, 139
Extraordinary income	112, 803	22, 822	182, 969	4, 792
Coconut oil processing tax	111, 179	20, 486	----------	----------
Sugar processing tax	----------	----------	12, 604	----------
Excess of legal reserves	----------	----------	[2] 50, 200	----------
Repayment of loans and advances	1, 624	1, 647	----------	----------
U. S. budgetary loan	----------	----------	120, 000	----------
Other transfers and reversions from special funds	----------	689	365	[3] 4, 792
Expenditures	**113. 890**	**139. 344**	**359. 812**	307. 380
Executive	103, 978	132, 643	349, 364	296, 143
Executive direction and control	4, 052	10, 696	29, 165	21, 874
National defense	16, 198	19, 107	61, 319	52, 820
Law and order	582	2, 341	8, 562	33, 211
Education	19, 962	30, 752	74, 401	74, 793
Public health and sanitation	4, 914	9, 146	15, 667	18, 780
Charity and social services	1, 803	3, 232	3, 989	5, 105
Postal and communication services	([4])	([4])	14, 747	11, 818
Development of agriculture	10, 647	9, 742	9, 897	11, 613
Development of commerce	10, 325	8, 090	7, 088	15, 431
Conservation of natural resources	944	1, 618	1, 894	2, 741
Development of mineral resources	102	262	284	365
Other economic development	1, 135	1, 652	799	1, 540
Revenue collection service	10, 558	12, 940	5, 180	4, 590
Public debt service	8, 065	8, 196	10, 718	11, 890
Investments	11, 983	12, 310	76, 874	5, 566
Diplomatic service	----------	----------	3, 345	5, 521
Other executive services	2, 708	2, 559	25, 435	18, 486
Legislative	1, 342	1, 509	5, 303	5, 681
Judiciary	2, 733	3, 504	5, 143	5, 554
All other expenditures	5, 837	1, 688	----------	----------

[1] Excludes taxes collected and appropriated to local governments; figures represent net sums available to national Government from taxation.

[2] Transfers from Exchange Standard Fund.

[3] Includes interest on time deposits, U. S. Treasury (2,100,000 pesos); reversion of toll collections (819,085 pesos); interest from Metropolitan Water District (774,986 pesos); bond redemption proceeds (442,000 pesos); and other minor transfers from special funds.

[4] Not shown separately.

Public Debt (Thousands of Pesos)

Item	December 31—		June 30—	
	1937	1938	1946	1947
Total bonded indebtedness	150, 437	148, 936	132, 507	124, 507
Accumulated sinking fund	64, 116	67, 617	63, 153	65, 057
Net bonded indebtedness	86, 321	81, 319	69, 354	59, 450

Public debt, June 30, 1948 (1,000 pesos): Gross total, 179,500, of which 167,000 National Government debt (bonded debt, 47,000, and U. S. Budgetary R. F. C. loan, 120,000) and 12,500 provincial, municipal, and city government bonded debt; offset (cash and investments in special account), 24,800; net total, 154,700.

Consolidated Statement, Domestic and Foreign Banks [1] (Thousands of Pesos)

Item	Calendar years		Years ended June 30	
	1937	1938	1947	1948
Total resources	359,272	386,830	866,543	1,148,769
Loans and discounts	90,371	102,178	173,025	228,621
Overdrafts	81,695	88,247	103,134	244,993
Customers' liability acceptances, L-C	3,093	4,250	86,281	74,827
Customers' liability, T-R	11,598	15,621	8,391	10,739
Stocks, bonds, and other securities	57,061	49,381	66,870	67,371
Banking house furniture and fixtures	4,805	4,522	6,300	8,818
Other real and chattel property owned	6,315	6,292	2,357	2,326
Due from banks	45,915	45,067	142,222	134,027
Cash	49,812	64,668	223,069	313,819
Checks and other cash items	1,330	748	10,236	2,394
Profit and loss	-------	51	-------	-------
Other resources	7,277	5,805	44,658	60,834
Total liabilities	359,272	386,830	866,543	1,148,769
Capital stock	24,663	27,163	35,914	36,414
Surpluses, reserves, and undivided profits	24,257	25,712	22,562	25,051
Bank notes outstanding	11,734	2,559		
Due to banks	45,597	57,879	101,513	131,340
Cashiers', managers', and certified checks	1,861	2,028	5,568	6,305
Dividends payable	273	273	3	288
Individual deposits subject to check	84,254	73,387	261,002	385,865
Savings and time deposits	95,064	84,822	193,038	243,349
Deposits of public funds	42,810	78,025	186,606	252,432
Bills payable	441	188	1,326	1,140
Other liabilities	28,318	34,794	59,011	66,585
Number of institutions	12	14	13	13

[1] Including their provincial branches and agencies.

Currency and exchange.—Philippine currency is pegged by law (Philippine Currency Law of 1903) at 2 pesos to US$1. Under terms of the Philippine Trade Act of 1946 (Public Law 371, 79th Congress), implemented by the Executive Agreement between the Republic of the Philippines and the United States signed in Manila July 4, 1946, this relationship may not be changed, nor may any restriction be imposed on the transfer of funds from the Philippines to the United States except by agreement with the President of the United States. The peso consists of 100 centavos.

Currency circulation as of December 31 (1,000 pesos): 1937, 151,861; 1938, 185,090; 1946, 731,622; 1947, 748,000. Note.—Totals for 1946 and 1947 include the estimated amounts destroyed (1947 estimate, 35,000). The substantial increase in circulation since the war has been due to heavy receipts of United States dollars, chiefly from expenditures of military forces, benefits to Filipino veterans, and from payments of war damage claims under the terms of the Philippine Rehabilitation Act of 1946 (Public Law 370, 79th Congress).

PRINCIPAL SOURCES

Yearbook of Philippine Statistics (prewar and 1946).
Census, 1939, Vol. II.
Civil Affairs Handbook, Philippine Islands.
Mineral Resources of the Philippines (prewar).
Bulletin of Philippine Statistics, quarterly (prewar).
President's Budget Message, Fiscal 1948.
Budget for Fiscal 1949.
Commonwealth of the Philippines, Annual Report of the Insular Collector of Customs (prewar).

THAILAND (SIAM)

(See general explanatory note, p. vi)

AREA AND POPULATION

Area, 200,148 square miles (not including Indochinese areas added in 1941 and returned after the war). Population, census data: 1947, 17,256,325; 1937, 14,464,105; 1929, 11,506,207; 1919, 9,207,355; 1911, 8,266,408. Bangkok, capital and largest city; estimated population of Greater Bangkok (Bangkok and municipality of Dhonburi) in 1948, 1,000,000.

Population of Thailand preponderantly rural. According to 1937 census, 6,028,795 (89 percent of total working population of 6,823,556) engaged in agriculture and fishing; 357,336 in commerce; 129,954 in industry and engineering; 82,590 in domestic service; 62,876 in public works; 58,857 in transport and communication; 49,747 in professions; 20,407 in forestry; 17,923 in clerical service; and 15,071 in mining.

Education.—Compulsory for persons between the ages of 8 and 15. Total registration in 1938–39, 1,567,745 pupils in 12,809 schools: Total enrollment in primary courses, 1,475,382; in secondary courses, 75,838; in special courses, 16,525. Thailand has two universities, Chulalongkon (1939 enrollment, 1,124) and the University of Moral and Political Sciences, besides other institutions, such as the Military School, the Naval School, and the College of Agriculture.

Percentage of literacy among persons 10 years of age and over: 31.11 in 1937 (14.85 percent of females and 47.02 percent of males); estimated at nearly 40 in 1947.

AGRICULTURE AND FORESTRY

Land distribution.—Cultivated area (in rice, rubber, and 7 minor crops), between 7 and 8 percent of total; rice acreage accounts for about 97 percent of total cultivated area. Forested area, 135,000 square miles (about 67 percent of total area of Thailand); teak forest, about 49,000 square miles, half of which is under exploitation for a 15-year period, the other half being at rest for reforestation purposes; about 37 percent of teak forest area being worked is exploited by a government-owned company.

Rubber: Area planted to rubber trees (1944), 440,000 acres; rubber exports (probably closely approximating production), in long tons—1937, 35,560; 1938, 41,600; 1946, 24,200; 1947, 52,500.

Rice and Minor Crops: Area and Production

[Years ended March 31, except as noted]

Crop	Area (thousands of acres)					Production[1]				
	1931–35, average	1937	1938	1946	1947	1931–35, average	1937	1938	1946	1947
Rice[2]	7,377	[3] 7,273	[3] 7,731	[3] 5,500	[3] 6,700	[3] 7,261	[3] 7,030	[3] 6,981	[3] 5,355	[3] 7,245
Corn	16	15	22			9,564	9,996	11,164		
Sesame	3	2	2			2,156	1,520	1,551		
Peas	10	12	27			11,371	10,896	32,400		
Cotton[4]	7	17	20			4,798	11,547	15,736	[5] 26,660	
Tobacco	28	21	29		80	16,386	15,588	17,846		[6] 22,046
Pepper	4	3	2			5,300	437	433		
Coconuts	124	125	123				157,982	160,095		

[1] Rice production in millions of pounds of milled rice; coconut production in millions of unit nuts; all other production in thousands of pounds.

[2] Rice acreage and production figures for 1931–35 based on Siamese statistics; all other rice figures are estimates of the Office of Foreign Agricultural Relations, U. S. Department of Agriculture, and are subject to revision. Rice acreage indicates acreage harvested for all years.

[3] Crop year.

[4] Production figures show seed cotton.

[5] Estimates for year ended July 1946.

[6] Calendar year.

MINING AND MANUFACTURING

Mining.—Tin production (metallic content of ore), in long tons: 1937–38, 15,683; 1946, negligible; 1947, 500 (estimated). Postwar exports have been made chiefly from 17,000 tons accrued during the war.

Manufacturing.—Principally rice- and saw-milling operations and other semiprocessing of products for export. Other manufacturing operations consist chiefly of production of tobacco products, sugar, paper, alcoholic beverages, and a few other products chiefly to supplement imports for local consumption. Production of cigarettes in 1947 from the two government-owned factories amounted to 2-2½ billion. Paper production from two government-owned mills may have reached 1,300 tons in 1947. Sugar production from the government-owned factory is estimated at 15,000 tons in 1948.

Electric power.—Capacity in 1939, 36,255 kilowatts; present capacity may be slightly greater.

TRANSPORTATION AND COMMUNICATION

Roads.—Total road mileage, 1940 (excluding municipalities): 2,772 (including 1,039 of water-bound macadam; 314 of surface-treated and free macadam; 458 of improved earth, sand, gravel, etc., and 958 of unimproved earth and nonsurfaced roads). The Thai roadway system consists chiefly of small networks around local river and railway points.

Railways.—Lines, 1947 (single and double track), all meter-gage: 2,041 miles (1,926 in 1938–39). Rolling stock in service as of November 30, 1946: 240 locomotives (227 steam, 2 Diesel, 11 electric); 26 tramcars; 259 bogie passenger cars; 51 4-wheel passenger stock; 176 bogie goods-stock; 4,164 4-wheel goods-stock. Traffic, 1938–39: Passengers carried, 5,722,-766; goods hauled, 1,667,506 tons; livestock hauled, 189,801 head; total gross receipts, 15,855,974 baht; total expenditures, 7,906,997 baht.

Inland waterways.—Rivers and canals carry approximately 80 percent of the country's produce. The most important waterway system, the Menam River with its branches and tributaries, also provides intercommunication among the three important canal systems. The Mekong, also, is important to the country's economic life. In 1938–39 there were 72,202 licensed rivercraft, including 1,945 motor launches; 304 steam launches; and 69,953 other cargo boats, ferries, etc.

Merchant marine (ships of Thai registry), January, 1948: Vessels of less than 100 tons 74, with total tonnage of 3,532; vessels of 100 tons or over, 102, with total tonnage of 22,416; licensed for home trade (between Thailand and foreign ports), approximately 7,600 tons; licensed for coastal, limited coastal, and inland trade, approximately 14,600 tons; not stated, 3,700 tons.

Posts, 1938-39.—Main postal offices, 113; railway postal agencies, 336; other licensed postal agencies, 352; pieces of mail sent, 12,814,436 (of which 5,505,936 letters by regular mail and 3,086,601 postcards).

Telegraphs, 1938–39.—Number and distribution of offices same as postal; length of line, 5,979 miles; length of wire, 10,231 miles; number of telegrams sent—inland, 384,784, foreign, 78,080.

Radio.—Number of private radio sets: January 1948 (estimated), 40,000; 1938, 30,605.

Telephone.—No long-distance commercial telephone system. Bangkok has 2 automatic exchanges, with estimated 4,000 to 5,000 instruments; several other municipalities have small battery exchanges not connected with each other.

FOREIGN TRADE

Basis of trade statistics.—Thai trade statistics include all sea-borne foreign trade, all land traffic across Thailand's southern frontier (trade with Malaya), and land traffic across the Indochinese frontier at Aranya Prades. Land traffic across the Indochinese frontier at all other points and land traffic across the Burma frontier are not included. Parcel post is included only when specifically declared for the purpose of obtaining export certificates.

Imports are valued on a c. i. f. basis exclusive of import duty. Export values are f. o. b. including export duty when chargeable. All weights are net. Imports include goods destined for bonding.

Imports are classified by country according to the country of consignment, i. e., the country wherein the goods were last owned and from which they were procured by the importer. No declaration is required as to country of origin except as regards goods arriving from Singapore or Hong Kong. Exports are classified by country according to the place to which the goods have actually been sold, or despatched for sale by the exporter.

The above applies to prewar trade and, as far as known, there has been no change.

Thai statistics covering trade with the United States by commodities are not available for 1946 and 1947; for 1937–38 and 1938–39 figures, see Foreign Commerce Yearbook, 1939, page 286.

Publication of the Thai Statistical Yearbook has not been resumed since the war. Figures on trade released by the Thai Customs Department for 1946 and 1947 are limited in scope and not to be considered final. As may be noted in the tables below, 1946 totals for exports and 1947 totals for both imports and exports are not the same in trade by commodities as in trade by countries. These discrepancies cannot be accounted for on the basis of available preliminary information.

In the table Exports by Principal Commodities, tin and tin ore exported in 1947 are valued at $728,000 (7,230,000 baht). It appears on the basis of estimates by the United States Embassy in Bangkok and official Malayan statistics that exports of tin and tin ore in that year actually were much larger, estimated at $16,000,000.

A comparison of Thai's trade figures with those of other countries trading with Thailand indicates that in other respects also the available preliminary Thai figures may be incomplete.

The official value of the Thai baht, or tical, was fixed by law, effective May 1, 1946, at 40 to the pound sterling (one baht equaling US$0.10075 on the basis of cross rates). A rate of approximately US$0.0667 had been in use from January 1 through April 30, 1946. Con-

versions of trade values to United States dollars for the entire year 1946 have been made at the official rate of US$0.10075, since the exact value of transactions for the January-April period cannot be determined. The same official rate has been used in converting the trade values for 1947. The rates used for 1937–38 and 1938–39 are $0.4518 and $0.4371, respectively.

Value of Imports and Exports

Year	Thousands of bahts		Thousands of dollars	
	General imports	Domestic exports	General imports	Domestic exports
1934–35[1]	101,390	158,203	41,722	65,101
1935–36[1]	108,603	146,731	48,708	65,809
1936–37[1]	109,085	176,070	48,172	77,753
1937–38[1]	111,128	161,780	50,208	73,092
1938–39[1]	127,217	173,052	55,607	75,641
1939–40[1]	128,199	208,684	49,395	80,406
1946[2]	565,056	451,588	56,929	45,497
1947[2]	1,106,107	913,521	111,440	92,037

[1] Fiscal year—April 1 through March 31. [2] Calendar year.

Trade With Principal Countries (Thousands of Dollars)

Country	Imports				Exports, including reexports			
	1937–38[1]	1938–39[1]	1946[2]	1947	1937–38[1]	1938–39[1]	1946	1947
Total	**50,208**	**55,607**	**56,929**	**129,589**	**74,970**	**77,262**	**46,226**	**97,478**
United States	2,546	2,650	3,385	31,552	539	212	5,710	12,178
United Kingdom	6,081	6,658	1,356	10,267	1,229	1,267	240	2,413
Malaya	13,735	14,487	17,356	24,866	49,664	48,687	19,268	39,242
Hong Kong	3,655	4,778	21,671	42,798	9,183	8,815	5,157	21,779
China	1,613	2,264	3,715	5,894	273	115	1,239	5,190
French Indochina	285	220	2,065	4,451	89	107	39	616
India	1,980	3,363	18	1,768	933	539	47	4,783
Philippines	159	150	93	1,592	1	376	3,045	1,267
Burma	43	53	278	342	81	68	18	426
Indonesia	2,505	2,460	401	402	611	323	24	757
Australia	507	577	70	436	18	13	37	14
Syria	--------	(3)	--------	4,164	(3)	--------	(3)	647
Netherlands	997	1,434	218	2,377	874	2,276	232	3,687
Japanese Empire[4]	10,021	8,375	9	30	2,829	1,527	5	2
Germany	3,147	3,706	--------	43	1,231	2,690	--------	33
Belgium	347	836	89	2,252	411	867	37	56
Denmark	591	878	557	1,937	194	260	601	493
Switzerland	1,009	1,271	300	1,308	38	12	11	239
Italy	69	154	17	403	89	73	66	765
Sweden	86	164	121	123	145	218	122	428
Iran	--------	374	76	933	--------	1	--------	--------
Union of South Africa	10	21	3	421	1,172	937	164	183
Mozambique	--------	--------	--------	34	928	756	--------	--------
Ceylon	23	25	--------	219	967	1,841	29	78
Korea[5]	--------	--------	--------	--------	--------	--------	--------	768
West Indies (other than British)	(3)	--------	--------	--------	2,016	2,826	--------	--------
Percent of total:								
United States	5.1	4.8	5.9	24.3	0.7	0.3	12.4	12.5
United Kingdom	12.1	12.0	2.4	7.9	1.6	1.6	.5	2.5
Malaya	27.4	26.1	30.5	19.2	66.2	63.0	41.7	40.3
Hong Kong	7.3	8.6	38.1	33.0	12.2	11.4	11.2	22.3
China	3.2	4.1	6.5	4.5	.4	.1	2.7	5.3
French Indochina	.6	.4	3.6	3.4	.1	.1	.1	.6
India	3.9	6.0	.03	1.4	1.2	.7	.1	4.9
Philippines	.3	.3	.2	1.2	--------	.5	6.6	1.3
Indonesia	5.0	4.4	.7	.3	.8	.4	.1	.8
Netherlands	2.0	2.6	.4	1.8	1.2	2.9	.5	3.8
Japanese Empire	20.0	15.1	.02	.02	3.8	2.0	.01	--------
Germany	6.3	6.7	--------	.03	1.6	3.5	--------	.03
West Indies (other than British)	--------	--------	--------	--------	2.7	3.7	--------	--------

[1] Fiscal year—April 1 through March 31. 1946 and 1947 are calendar years.
[2] Source figures of imports by countries for 1946 are incomplete in that imports arriving at ports other than Bangkok are not available by country of consignment for the months of June through September inclusive.
[3] Less than $500.
[4] Includes Manchuria, Korea, and Taiwan in 1937–38 and 1938–39.
[5] Trade in 1937–38 and 1938–39 included in that of Japanese Empire.

Imports by Principal Commodity Groups

Commodity group	Value (thousands of dollars)			
	1937–38[1]	1938–39[1]	1946[2]	1947[2]
Imports, total[3]	**50, 208**	**55, 607**	**56, 929**	**111, 440**
General merchandise	49, 496	54, 503	56, 437	109, 484
Beer, wine and spirits	712	730	492	1, 023
Opium		374	--------	933
Bullion and coin	266	1, 019	82	27, 297
Gold leaf	49	35	1	566

[1] Fiscal year—April 1 through March 31.
[2] Calendar year.
[3] Excluding bullion, coin, and gold leaf.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937–38[1]	1938–39[1, 2]	1946	1947	1937–38[1]	1938–39[1]	1946	1947
Exports of domestic goods, total[3]					**73, 092**	**75, 641**	**45, 497**	**92, 037**
Rice, million lb	2, 430	--------	1, 004	849	34, 040	42, 582	26, 958	37, 989
Teak, 1,000 cu. ft	3, 332	--------	--------	--------	4, 117	2, 926	2, 930	5, 636
Other wood	--------	--------	--------	--------	526	364	248	3, 186
Tin and tin ore, 1,000 lb	48, 689	--------	4	5, 511	16, 955	13, 469	--------	728
Rubber, do	74, 485	--------	30, 175	42, 750	10, 237	10, 981	4, 555	6, 865
Other merchandise	--------	--------	--------	--------	7, 217	5, 319	10, 806	37, 633
Reexports	--------	--------	--------	--------	1, 878	1, 621	181	3, 897
Bullion and coin	--------	--------	--------	--------	1, 607	12, 091	--------	--------

[1] Fiscal year—April 1 through March 31. 1946 and 1947 are calendar years.
[2] Quantity figures not available.
[3] Excluding bullion and coin.

FINANCE

Government Receipts and Expenditures (Millions of Baht)

Item	1937–38[1], actual	1946, estimate	1947, estimate	1948, estimate
Receipts:				
Direct taxes and duties	14. 7	24. 8	33. 8	56. 4
Indirect taxes and duties	40. 3	245. 3	363. 6	613. 5
Excise (Public Domain)	11. 9	11. 0	22. 0	30. 6
Monopolies (State Enterprise)	28. 9	188. 0	215. 7	369. 5
Fees, licenses, and fines	11. 3	34. 9	47. 2	61. 1
Other revenue	2. 3	5. 0	2. 7	[2] 535. 0
Total	109. 4	509. 0	685. 0	1, 666. 1
Surplus of currency reserve	1. 2	--------	--------	--------
Total receipts	110. 6	[3] 612. 0	[4] 1, 100. 0	--------
Expenditures:				
Ordinary budget	104. 9	507. 0	491. 6	678. 9
Capital expenditures, or extraordinary budget	15. 9	656, 3	471. 9	[5] 987. 1
Supplementary expenditures	11. 2	--------	[6] 207. 7	[7] 182. 1
Total expenditures	132. 0	[3] 1, 163. 3	1, 171. 2	1, 848. 1
Deficit	21. 4	447. 0	[8] 71. 2	--------

[1] Fiscal year ended March 31, 1938.
[2] Including "special" revenues.
[3] Less reported economies of 104.3 million baht, or total expenditures of 1,059 million baht.
[4] Estimated actual.
[5] Extraordinary noncapital expenditures.
[6] Preliminary figures based on newspaper sources.
[7] Extraordinary capital expenditures.
[8] This figure may have been increased by 89 million baht.

Public debt, 1947, with 1941 data in parentheses (millions of baht).—External, 340 (54); internal, 1,200 to 1,500 (25), including a floating debt of 650.5; total, 1,540 to 1,840 (79). (Note.—The dollar value of the debt in 1947 was $150,000,000 to $180,000,000, compared with $29,000,000 in 1941.)

Banking.—The bank of Siam is the bank of issue, functioning under supervision of the Ministry of Finance. Number of commercial banks, 16 (of which 11 incorporated locally and 5 branches of foreign banks).

Currency and exchange.—Unit, the baht (also called the tical). The official exchange rate of 40 baht to the pound sterling (1 baht = U. S. $0.10075) was fixed by law, effective May 1, 1946. From 1923 to 1942, an official rate of 11 baht to the pound sterling was maintained. The prewar currency reserve was kept in London, for the most part, until 1939–40, when considerable holdings were built up in New York and Bangkok. Total note issue on July 31, 1947, amounted to 2,207,935,721 baht. Reserve funds comprised the following (in baht): Government securities, 922,897,183; other securities, 143,133,125; foreign exchange, 367,763,077; gold, 769,142,336; total, 2,207,935,721. The fiduciary issue (in the form of "Government securities" listed above) amounted to 42 percent on July 31, 1947. The gold backing for the note issue appears to include the earmarked gold in Tokyo. "Other securities" and "foreign exchange" probably include frozen sterling assets.

PRINCIPAL SOURCES

Statistical Yearbook of Siam, 1937–38, 1938–39.

Annual Statement of the Foreign Trade and Navigation of the Kingdom of Thailand, Year 2480 (April 1937 to March 1938); and year 2481 (April 1938 to March 1939).

Monthly Returns of the Customs, Department of the Government of Thailand.

AUSTRALIA AND NEW ZEALAND

AUSTRALIA

(See general explanatory note, p. vi. Values expressed in pounds (£) refer to the Australian pound unless otherwise stated)

AREA AND POPULATION

Area, 2,974,581 square miles. Population, June 30, 1947, census, 7,580,820 (excluding full-blood aboriginals numbering 47,620 on June 30, 1941); 1933 census, 6,629,839.

Area and Population, by States

Item	Australia	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Federal Capital
Area...square miles..	2,974,581	309,433	87,884	670,500	380,070	975,920	26,215	523,620	939
Population censuses:									
1881	2,250,194	749,825	861,566	213,525	276,414	29,708	115,705	3,451	(1)
1901	3,773,801	1,354,846	1,201,070	498,129	358,346	184,124	172,475	4,811	(1)
1911	4,455,005	1,646,734	1,315,551	605,813	408,558	282,114	191,211	3,310	1,714
1921	5,435,734	2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572
1933	6,629,839	2,600,847	1,820,261	947,534	580,949	438,852	227,599	4,850	8,947
1947	7,580,820	2,985,464	2,055,252	1,106,269	646,216	502,731	257,117	10,866	16,905
Density of population per square mile (1947)	2.55	9.65	23.39	1.65	1.70	0.52	9.81	0.02	18.00

[1] Included in New South Wales.

Population of State Capitals and Other Cities

State capitals	June 30, 1947 (census)	Other cities	June 30, 1947 (census)
Sydney, New South Wales	1,484,434	Newcastle, New South Wales	127,188
Melbourne, Victoria	1,226,923	Geelong, Victoria	44,641
Brisbane, Queensland	402,172	Launceston, Tasmania	40,449
Adelaide, South Australia	382,604	Ballarat, Victoria	40,214
Perth, Western Australia	272,586	Rockhampton, Queensland	34,983
Hobart, Tasmania	76,567	Bendigo, Victoria	30,778
Canberra, Federal Capital Territory	15,156	Broken Hill, New South Wales	27,059

Distribution of population: According to June 30, 1947, census, 31.05 percent of population considered rural; 17.98, provincial; 50.72, metropolitan; and 0.25, migratory (all figures exclusive of full-blood aboriginals).

Education.—School enrollment, 1944: State schools, 878,428; private, 274,793; technical, 100,209; university, 12,966. Illiteracy is negligible.

AGRICULTURE AND LIVESTOCK

Land distribution (thousand acres), 1945–46: Total area of crops, 20,426; fallow, 8,633 (1940–41); orchards and fruit gardens, 270; vineyards, 129.

Estimated gross value of rural production (£1,000), 1945–46, with 1938–39 data in parentheses: Agriculture, 144,119 (76,730); pastoral, 99,607 (75,939); dairying, 63,225 (43,544); poultry, 23,621 (11,974).

Estimated gross value of specific products (£1,000), 1945-46, with 1938–39 data in parentheses: Wheat, 46,531 (21,989); barley, 3,406 (1,551); oats, 4,573 (2,085); corn, 2,054 (1,503); potatoes, 7,989 (3,649); hay, 18,445 (12,704); sugarcane, 10,400 (9,178); fruits, 18,750 (9,695); dried raisins and currants, 4,269 (3,017).

Principal Crops: Area and Production
[Yearly averages and years]

Crop	Area (thousand acres)					Production (thousands of units—bushels except as indicated[1])				
	1934–35 to 1938–39	1943–44	1944–45	1945–46	1946–47	1934–35 to 1938–39	1943–44	1944–45	1945–46	1946–47
Wheat	12, 980	7, 875	8, 463	11, 425	13, 172	154, 325	109, 720	52, 880	142, 410	117, 262
Barley	572	443	614	699	748	9, 700	7, 589	5, 029	11, 117	11, 597
Oats	1, 569	1, 415	2, 034	1, 949	1, 727	17, 002	17, 712	8, 970	25, 774	15, 800
Maize	311	283	257	236	261	7, 337	7, 433	6, 463	5, 729	5, 808
Rice, "paddy"	23	41	25	28	32	2, 274	4, 015	1, 693	2, 735	2, 949
Potatoes	120	132	242	176	160	338	599	881	646	544
Sugar[2]	248	229	226	236	227	740	524	670	664	552
Tobacco	10	7	5	4	4	5, 013	4, 633	2, 844	2, 505	3, 994
Cotton	56	41	17	8	8	18, 465	9, 540	8, 508	1, 819	3, 202

[1] Potatoes and cane sugar, long ton; tobacco and cotton, pound.
[2] Area cane crushed; cane sugar produced.

Animals and Animal Products

Class	1936–40, average	1941	1942	1943	1944	1945	1946	1947
Animals (thousands):[1]								
Sheep	112, 571	122, 694	125, 189	124, 615	123, 174	105, 371	96, 396	[2] 95, 723
Cattle	13, 285	13, 256	13, 561	14, 005	14, 184	14, 133	13, 878	13, 427
Pigs	1, 242	1, 797	1, 477	1, 563	1, 747	1, 631	1, 426	1, 273
Horses	1, 739	1, 666	1, 611	1, 518	1, 449	1, 359	1, 265	1, 195
Animal products:[3]								
Wool .... million lb	1, 018	1, 142	1, 167	1, 151	1, 169	1, 116	936	[4] 974
Butter .... long tons	195, 619	192, 893	167, 530	171, 237	156, 282	141, 963	150, 363	[4] 143, 312
Cheese .... do	24, 586	26, 789	30, 153	36, 134	35, 825	34, 620	41, 238	[4] 42, 098
Meat:[5]								
Beef and veal .... do	546, 496	492, 927	533, 502	534, 469	500, 676	461, 119	406, 644	[4] 487, 797
Mutton .... do	199, 685	220, 579	233, 561	242, 798	275, 391	257, 225	197, 801	[4] 182, 618
Lamb .... do	115, 976	141, 455	138, 165	170, 348	153, 353	138, 168	92, 861	[4] 120, 019
Pork .... do	39, 836	50, 565	58, 086	39, 011	45, 482	42, 570	35, 120	[4] 25, 763
Bacon and ham .... do	33, 456	39, 899	42, 464	46, 802	45, 723	56, 290	48, 587	[4] 48, 218

[1] First of year 1936 to 1942; March 31 for 1943 to 1947.
[2] 102,559 in 1948.
[3] Year ended June 30.
[4] Subject to revision.
[5] Bone-in-weight.

MINING AND MANUFACTURING

Total value of mineral production, 1946, £40,301,802 (£33,163,677 in 1945). Value of specific minerals in 1946 (£1,000), with 1945 data in parentheses: Gold, 8,873 (7,031); silver and lead, 8,411 (4,928); copper, 1,715 (2,285); black coal, 12,583 (11,661).

Mineral and Metal Production (Calendar Years)

Product	1939	1942	1943	1944	1945	1946	1947
Gold .... 1,000 fine oz	1, 646	1, 154	751	657	657	824	[1] 937
Black coal .... 1,000 long tons	13, 535	14, 903	14, 193	13, 756	12, 854	13, 912	[1] 14, 821
Pig iron[2] .... do	1, 105	1, 558	1, 399	1, 305	1, 118	906	1, 143
Metallic content of ores and concentrates produced:							
Copper .... long tons	20, 560	20, 402	24, 326	28, 056	24, 520	17, 755	[1] 17, 000
Lead .... do	280, 003	263, 183	206, 376	189, 485	164, 741	184, 314	196, 623
Silver .... 1,000 oz	15, 320	14, 242	10, 330	9, 366	8, 077	9, 073	9, 527
Tin .... long tons	3, 067	2, 931	2, 635	2, 547	2, 282	2, 127	[1] 2, 000
Zinc .... do	217, 256	221, 834	182, 841	174, 358	150, 313	192, 117	182, 258

[1] Subject to revision.
[2] Data are for years ended June 30.

Manufacturing Industries (Years Ended June 30)

Item	1939	1942	1943	1944	1945	1946	1947[1]
Establishments............number..	26, 941	26, 971	26, 414	27, 674	28, 930	31, 184	34, 767
Employees[2]..................do....	565, 106	725, 342	759, 045	766, 506	750, 579	745, 258	803, 698
Wages paid[3]..................£1,000..	106, 743	180, 052	208, 867	216, 874	207, 652	205, 819	236, 840
Value of establishments........do....	274, 583	325, 513	344, 559	358, 139	366, 497	372, 484	382, 570
Value of materials used........do....	281, 303	433, 160	472, 720	498, 923	496, 889	488, 287	568, 694
Value added by manufacture..do....	203, 417	316, 439	352, 002	366, 235	362, 283	354, 479	412, 945

[1] Subject to revision.
[2] Average over whole year; includes working proprietors.
[3] Excludes amounts drawn by working proprietors.

TRANSPORTATION AND COMMUNICATION

Railways.—Government (Federal and State) lines (1946–47), 27,179 miles; private, 648 miles.

Government Railway Statistics (Years Ended June 30)

Item	1939	1942	1943	1944	1945	1946	1947
Length of lines..........................miles..	27, 234	27, 241	27, 223	27, 213	27, 213	27, 213	27, 179
Locomotives..........................number..	3, 587	(1)	3, 456	3, 505	(1)	(1)	3, 556
Passenger cars..........................do....	8, 043	(1)	8, 143	8, 104	(1)	(1)	8, 150
Freight cars..........................do....	86, 538	(1)	88, 462	90, 033	(1)	(1)	90, 789
Train-miles..........................thousands..	77, 483	88, 465	96, 109	91, 766	90, 227	86, 656	85, 546
Passengers carried..........................do....	384, 841	475, 450	518, 277	532, 640	535, 412	545, 756	503, 178
Freight carried..................1, 000 long tons..	33, 156	38, 940	42, 501	41, 966	40, 782	36, 726	37, 937
Gross revenue..........................£ 1, 000..	44, 780	66, 482	84, 746	82, 309	74, 504	70, 176	66, 394
Passenger..........................do....	15, 024	23, 980	29, 425	29, 249	27, 946	28, 808	24, 000
Freight..........................do....	25, 599	36, 772	48, 845	46, 194	39, 540	34, 952	34, 878
Other..........................do....	4, 157	5, 730	6, 476	6, 866	6, 518	6, 416	7, 516

[1] Not available.

Motor vehicle registrations.—June 30, 1948, with June 30, 1939, in parentheses: Motorcars 592,374 (562,271); commercial vehicles, etc., 414,340 (258,025); motorcycles 101,226 (79,237).

Civil aviation.—1947, with data for 1939 in parentheses: June 30, registered aircraft, 643 (296); licensed pilots, 1,872, (1,442); year ended June 30, miles flown, 24,485,000 (14,099,-000); passengers carried, 871,000 (148,000); freight carried, 24,436,000 (1,735,000 pounds); mail carried, 941,000 (144,000) pounds.

Radio.—Receiving sets licensed March 31, 1948, 1,843,953 (June 30, 1939, 1,129,786).

Entrances of Vessels in Foreign Trade (Fiscal Years Ended June 30)

Item	1939	1943	1944	1945	1946	1947
Number of vessels..........................	1, 876	956	1, 094	1, 059	1, 146	1, 202
Capacity, total..................1,000 net tons..	6, 711	3, 824	4, 484	4, 484	5, 263	5, 186
Nationality of vessels:						
Australian..................1,000 net tons..	331	191	278	188	308	153
United Kingdom..................do....	3, 744	1, 281	1, 338	1, 713	3, 024	3, 537
New Zealand..................do....	563	146	145	114	89	109
Other British..................do....	249	191	185	276	164	154
French..................do....	108	7	9	19	37	63
German..................do....	141	----------	----------	----------	----------	----------
Japanese..................do....	330	----------	----------	----------	10	----------
Netherlands..................do....	291	247	271	122	132	225
Norwegian..................do....	325	600	470	301	213	218
United States..................do....	175	943	1, 483	1, 463	985	437
Other foreign..................do....	455	217	305	289	301	290

Tonnage of Cargo Discharged and Shipped: Principal Ports, 1946–47

[Thousand tons[1]]

Port	Discharged				Shipped			
	Oversea		Interstate		Oversea		Interstate	
	Tons weight	Tons measurement	Tons weight	Tons measurement	Tons weight	Tons measurement	Tons weight	Tons measurement
Sydney	1,138	648	694	322	894	560	237	273
Kembla	168	4	1,323	----------	98	4	336	----------
Newcastle	104	----------	850	----------	214	3	2,546	----------
Melbourne	1,083	444	1,902	238	544	458	515	273
Geelong	221	11	159	1	26	1	63	13
Brisbane	262	79	313	216	180	77	86	97
Townsville	35	----------	33	27	88	2	84	7
Adelaide	312	148	913	215	283	94	253	202
Pirie	57	2	102	----------	146	----------	216	----------
Whyalla	----------	----------	303	----------	42	----------	1,935	----------
Freemantle	461	46	214	174	242	72	39	47
Hobart	68	9	260	90	16	10	135	96
Total, all ports	4,171	1,394	7,278	1,565	3,097	1,357	7,264	1,273

[1] Tons weight—2,240 lbs.; tons measurement—40 cubic feet.

Posts, Telegraphs, and Telephones (Years Ended June 30)

Item	1939	1943	1944	1945	1946	1947
Postal service:						
Number of offices	8,247	8,203	8,177	8,148	8,114	8,150
Pieces of mail handled ......millions	903	888	908	932	942	990
Earnings (gross) ......£ 1,000	7,405	10,540	11,301	11,947	12,010	12,806
Telegraphs:						
Number of stations	9,389	9,515	9,521	9,523	9,426	9,458
Messages handled ......millions	20	36	38	40	40	38
Earnings (gross) ......£ 1,000	1,515	3,203	3,421	3,478	3,714	3,291
Telephones:						
Number of exchanges	6,333	6,371	6,350	6,380	6,391	6,419
Number of instruments ......thousands	662	767	800	828	856	905
Earnings (gross) ......£ 1,000	8,284	11,190	12,114	12,614	13,033	13,858

FOREIGN TRADE

Per capita trade.—1947 (Year ended June 30): General imports, $97.15; exports including reexports, $131.35.

Basis of trade statistics.—Import values f. o. b. plus 10 percent; export values f. o. b. Country of origin for imports, country of destination for exports. Government imports and exports are included. Imports include value of Australian produce reimported.

Because of a completely new statistical classification of imports and exports which came into operation on July 1, 1945, many of the commodities listed in the following tables are not entirely comparable for the prewar and postwar periods. Significant differences have been noted.

Import value figures have been converted from pounds sterling to United States dollars at the following rates:—Years ended June 30, 1935, $4.9314; 1936, $4.9571; 1937, $4.9381; 1938, $4.9799; 1939, $4.7371; 1940, $4.1017; and 1941–47, $4.0300. This is not entirely accurate because, although the imports are recorded in "British currency" values, these are not exactly synonymous with pounds sterling since imports already expressed in £. s. d. (e. g. New Zealand, South African, and Fijian pounds) are regarded as being expressed in pounds sterling. Export value figures have been converted to dollars from Australian pounds at the following rates:—Years ended June 30, 1935, $3.9137; 1936, $3.9413; 1937, $3.9344; 1938, $3.9678; 1939, $3.7741; 1940, $3.2530, and 1941–47, $3.2240.

Value of Imports and Exports

[Years ended June 30]

Year	Merchandise						Bullion and specie	
	Thousands of pounds sterling[1]	Thousands of Australian pounds		Thousands of dollars			Thousands of pounds sterling[1]	Thousands of Australian pounds
	General imports	Exports including re-exports[2]	Domestic exports[2]	General imports	Exports including re-exports[2]	Domestic exports[2]	Imports	Exports
1935	72, 421	103, 067	101, 756	357, 137	403, 373	398, 242	1, 698	10, 456
1936	83, 521	123, 408	121, 823	414, 024	486, 387	480, 140	1, 731	13, 556
1937	90, 592	147, 796	145, 924	447, 350	581, 490	574, 122	2, 049	14, 580
1938	111, 733	140, 633	138, 693	556, 420	558, 003	550, 306	2, 242	16, 947
1939	99, 313	121, 533	119, 525	470, 456	458, 679	451, 098	2, 843	18, 963
1940	115, 676	148, 750	146, 894	474, 466	483, 882	477, 847	4, 121	21, 684
1941	108, 650	134, 738	132, 784	437, 860	434, 394	428, 095	3, 267	22, 426
1942	149, 356	159, 328	157, 457	601, 904	513, 675	507, 643	2, 649	9, 649
1943	213, 128	125, 552	122, 847	858, 904	404, 781	396, 058	2, 336	5
1944	210, 029	146, 672	142, 518	846, 417	472, 870	459, 480	4, 196	10
1945	186, 045	155, 262	151, 595	749, 759	500, 564	488, 744	2, 439	10
1946	155, 347	196, 424	192, 287	626, 048	633, 270	619, 934	1, 434	26, 864
1947	182, 756	308, 884	304, 350	736, 509	995, 842	981, 223	895	120

[1] See "Basis of trade statistics."

[2] Excluding ships' stores.

Trade With Principal Countries (Thousands of Dollars)

[Years ended June 30]

Country	General imports				Exports including reexports[1]			
	1938	1939	1946	1947	1938	1939	1946	1947
Total, excluding bullion and specie	**556, 420**	**470, 456**	**626, 048**	**736, 509**	**558, 003**	**458, 679**	**633, 270**	**995, 842**
United States	88, 436	69, 386	166, 646	140, 661	13, 404	13, 604	120, 384	153, 412
Bahrein Islands	1, 054	3, 091	5, 336	14, 656	4	10	17	144
Belgium and Luxembourg	5, 721	4, 662	224	5, 643	22, 548	20, 933	24, 053	61, 527
Canada	40, 064	36, 591	27, 977	58, 918	8, 928	7, 524	12, 162	16, 927
Ceylon	4, 434	3, 978	20, 375	23, 227	1, 743	1, 595	22, 402	22, 942
China	2, 997	2, 186	338	4, 058	2, 446	11, 407	2, 854	19, 561
Egypt	138	964	2, 780	3, 411	2, 542	2, 268	9, 636	14, 491
France	4, 803	4, 870	87	5, 917	40, 957	35, 396	33, 499	66, 716
Germany	20, 769	[2] 19, 570	[2] 42	505	17, 514	[2] 9, 981	[2] 1	4, 499
Hong Kong	184	168	42	427	4, 162	1, 794	10, 759	21, 349
India	15, 326	13, 597	40, 450	61, 666	3, 701	7, 328	58, 176	42, 005
Indonesia	37, 501	33, 727	251	755	5, 798	5, 183	4, 496	1, 566
Iran	4, 629	3, 972	40, 736	34, 126	6	11	684	2, 461
Italy	4, 208	3, 247	10	9, 816	10, 467	4, 572	2, 904	42, 616
Japan	[3] 26, 638	[3] 19, 390	[3] 9	2, 463	[3] 23, 410	[3] 18, 363	[3] 5, 733	18, 035
Malaya	5, 094	4, 275	25	11, 099	8, 189	7, 212	21, 000	59, 169
Netherlands	3, 268	3, 319	49	1, 683	3, 079	3, 920	2, 165	7, 586
New Zealand	8, 500	8, 378	9, 063	[4] 12, 663	28, 185	25, 196	25, 872	[4] 41, 639
Palestine and Transjordan	166	212	938	528	68	91	3, 586	7, 056
Sweden	7, 725	4, 485	1, 809	5, 422	1, 875	2, 404	2, 874	10, 393
Territory of New Guinea	862	718	730	938	3, 047	2, 677	8, 460	4, 362
Union of South Africa	[5] 1, 448	[5] 1, 157	[5] 3, 070	4, 900	[5] 2, 830	[5] 3, 070	[5] 5, 822	12, 607
United Kingdom	230, 202	191, 470	237, 074	263, 617	310, 611	251, 724	173, 234	288, 810
Other countries[6]	29, 534	26, 099	33, 598	41, 420	42, 489	22, 416	38, 759	75, 964
Outside packages[7]	12, 719	10, 944	10, 109	14, 768	--------	--------	--------	--------
Countries undisclosed	--------	--------	24, 280	13, 222	--------	--------	43, 738	5
Percent of total:[8]								
United States	16. 3	15. 1	28. 2	19. 9	2. 4	3. 0	20. 4	15. 4
Canada	7. 4	8. 0	4. 7	8. 3	1. 6	1. 6	2. 1	1. 7
France	. 9	1. 1	(9)	. 8	7. 3	7. 7	5. 7	6. 7
India	2. 8	3. 0	6. 8	8. 7	. 7	1. 6	9. 9	4. 2
New Zealand	1. 6	1. 8	1. 5	1. 8	5. 1	5. 5	4. 4	4. 2
United Kingdom	42. 3	41. 7	40. 1	37. 2	55. 7	54. 9	29. 4	29. 0

[1] Excluding ships' stores.

[2] Includes Austria.

[3] Includes Taiwan (Formosa).

[4] Excludes Cook Islands.

[5] Includes Swaziland and Territory of South West Africa.

[6] Excluding "outside packages" and "countries undisclosed."

[7] Packages in which goods are imported; not distributed by countries.

[8] Based on totals excluding "outside packages" and "countries undisclosed."

[9] Less than 0.05 percent.

Imports of Principal Commodities

[Years ended June 30]

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
General imports, total, excluding bullion and specie					**556,420**	**470,456**	**626,048**	**736,509**
Sausage casings ... 1,000 lb	1,755	1,616	609	1,016	1,296	995	434	896
Fish, fresh or frozen ... do	8,994	9,411	2,606	5,174	1,152	1,036	521	952
Fish, canned ... do	28,323	28,903	5,955	8,379	4,380	4,483	1,417	2,278
Hides and skins, raw:								
Cattle and calf ... do	7,835	9,032	6,787	7,013	1,446	1,060	1,471	2,578
Goat ... do	1,876	1,701	913	1,556	970	775	711	1,841
Other					1,708	1,461	911	1,638
Horses ... number	273	238	165	317	616	473	654	1,196
Bristles ... 1,000 lb	212	198	46	304	567	356	227	1,491
Cocoa beans and shells ... do	13,080	20,703	49,679	17,673	1,136	1,053	3,545	2,890
Tea ... do	45,307	49,531	51,061	52,831	11,924	11,762	18,321	22,617
Coffee, raw and kiln-dried ... do	4,453	4,504	9,463	9,165	447	418	1,431	1,422
Spices					[1] 749	[1] 617	1,319	1,722
Whisky ... 1,000 pf. gal	731	717	282	240	2,822	2,622	1,178	1,111
Rubber, crude ... 1,000 lb	36,282	33,241	22,286	53,654	6,684	5,330	7,452	13,890
Rubber tires and tubes					170	148	678	1,159
Elastics					803	723	675	1,966
Rosin (colophony) ... 1,000 lb	19,643	17,935	12,613	18,067	595	342	980	1,587
Gums and resins, natural, other[2]					844	643	1,294	2,228
Linseed ... 1,000 lb	64,674	71,142	84,062	35,691	1,946	1,438	4,484	2,931
Copra ... do	43,409	54,228	30,649	20,299	1,071	829	1,057	816
Tanning substances (natural origin) 1,000 lb	10,391	11,021	33,085	33,698	333	318	1,129	1,247
Grass and field seeds ... do	(3)	(3)	11,671	3,226	(3)	(3)	1,639	1,125
Tobacco, unmanufactured ... do	23,292	22,666	30,941	19,895	9,443	8,295	18,757	13,135
Cigarettes ... do	108	118	55	582	155	141	40	1,071
Vegetable fibers:								
Cotton, raw ... do	[4] 12,394	11,922	26,494	34,341	[4] 1,562	1,196	5,877	8,777
Hemp, including Phormium tenax, sisal, abaca, etc ... 1,000 lb	25,085	29,686	15,752	21,968	1,558	1,302	980	2,338
Jute ... do	4,760	4,943	5,529	6,412	232	250	574	1,097
Kapok ... do	8,458	8,248	1,379	2,906	1,128	1,014	393	955
Other, including rags and clippings					373	325	990	1,798
Wool (sheep's and lambs') greasy 1,000 lb	13,317	15,946	394	4,627	2,744	2,993	70	1,293
Silk, raw ... do	1,339	888	(5)	284	2,978	1,854	(5)	2,253
Cotton yarns ... do	6,521	4,749	5,499	5,916	2,968	1,868	4,130	5,292
Artificial silk yarns ... do	8,885	5,945	6,262	6,028	4,055	2,524	5,910	5,845
Piece goods (except waterproofed, coated, etc):								
Cotton cord fabric and tire fabric					(6)	(6)	1,486	2,932
Cotton, other (including tape, binding, webbing, etc.)					27,381	21,885	34,470	38,182
Canvas and duck ... 1,000 sq. yd	13,837	11,926	7,453	6,267	3,480	2,511	3,942	3,377
Jute ... do	50,020	46,334	32,316	28,306	2,536	2,120	5,371	4,936
Linen ... do	2,677	3,340	397	2,162	926	779	370	2,595
Woolen ... do	2,407	2,130	1,630	1,723	1,670	1,393	1,177	2,000
Silk ... do	2,803	2,074	72	522	1,104	831	156	1,758
Artificial silk cord fabric and tire fabric ... 1,000 lb	(6)	(6)	984	4,651	(6)	(6)	596	2,869
Artificial silk, other ... 1,000 sq. yd	76,380	60,363	35,648	47,973	15,725	11,630	24,382	42,224
Velvets, velveteens, plushes, etc. 1,000 sq. yd	2,882	2,909	69	1,103	1,245	1,133	85	2,221
Other					5,568	4,524	2,646	3,155
Cordage and twines ... 1,000 lb	4,670	2,322	4,557	284	1,277	763	585	172
Sewing, knitting, crochet and embroidery thread ... 1,000 lb	2,013	1,934	1,319	1,241	2,491	2,382	2,353	2,418
Handkerchiefs, table napkins and table cloths					1,123	1,022	756	2,369
Towels and toweling					1,999	1,688	1,474	1,574
Bags and sacks					7,785	7,151	7,706	20,452
Floor coverings (except rubber) miscellaneous					9,543	7,792	3,196	12,410
Apparel (including umbrellas, ornaments, trimmings, etc.) and footwear					9,941	8,834	5,104	11,849
Timber and lumber, dressed or undressed, including staves, veneers, plywood, moldings, etc.					12,082	8,355	6,164	12,088
Wood pulp, chemical ... long tons	61,369	36,093	35,371.	27,989	2,749	1,471	3,144	2,633

See footnotes at end of table.

Imports of Principal Commodities—Continued
[Years ended June 30]

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Paper, cardboard, etc:								
Printing paper .... 1,000 lb..	416,165	459,874	241,219	389,045	12,293	12,839	8,871	18,072
Writing and typewriting paper..do....	44,474	33,813	[7] 20,327	25,001	3,421	2,358	[7] 3,171	3,768
Wrapping paper (except tissue)..do....	25,499	17,089	5,551	12,619	1,869	1,149	1,201	2,343
Other, excluding made-up articles....	-------	-------	-------	-------	6,012	4,268	3,585	6,306
Petroleum oils (bulk):								
Crude .... 1,000 bbl..	2,008	1,554	448	1,804	3,004	2,126	810	3,876
Gasoline, benzine, naphtha, etc. 1,000 bbl..	9,515	9,870	10,603	10,205	27,405	24,679	31,791	31,605
Kerosene .... do....	1,750	1,565	2,612	2,405	4,153	3,131	5,909	6,488
Residual and solar .... do....	3,261	3,725	11,073	6,660	3,833	4,409	25,931	15,875
Lubricating .... do....	536	444	572	754	4,926	3,699	5,719	9,239
Asphalt, bitumen, tar and pitch[2] long tons..	141,844	101,674	88,755	94,620	1,280	1,416	1,460	1,935
Glass and glassware[2]	-------	-------	-------	-------	5,364	4,475	2,448	5,206
Earthenware and china, household	-------	-------	-------	-------	2,944	2,649	3,499	5,124
Asbestos, crude .... long tons..	9,652	9,217	10,065	19,833	742	846	1,432	2,570
Sulfur .... do....	141,796	115,100	81,671	109,743	2,901	2,327	1,686	2,436
Diamonds (except industrial) unset	-------	-------	-------	-------	1,263	999	957	1,485
Iron and steel:								
Plates and sheets:								
Tinned, plain .... long tons..	91,854	69,982	72,342	94,239	13,161	8,461	10,978	15,012
Other[2] .... do....	80,886	37,359	4,134	8,460	8,823	4,039	1,465	2,287
Bars, rods, angles, and tees[2]....do....	11,846	7,002	1,458	2,055	2,454	1,453	861	899
Pipes, tubes and fittings[2] ......do....	16,973	9,595	1,159	1,399	3,159	2,137	520	447
Aluminum and aluminum base alloys: pigs, ingots, blocks, etc .... 1,000 lb..	[8] 915	[8] 1,272	1,329	10,641	[8] 223	[8] 274	216	1,549
Cutlery and platedware	-------	-------	-------	-------	2,846	2,485	2,695	5,332
Hand tools (non-powered)[2]	-------	-------	-------	-------	5,590	3,995	4,326	3,815
Machinery:								
Electrical machinery and appliances:								
Dynamo electrical machinery....	-------	-------	-------	-------	4,084	3,835	3,406	3,871
Radio and wireless telegraphy and telephony	-------	-------	-------	-------	[9] 1,375	[9] 1,180	3,310	1,394
Telephone and telegraph instruments and appliances	-------	-------	-------	-------	4,434	5,027	4,499	4,112
Cable and wire, insulated 1,000 lb..	30,942	28,903	10,555	6,777	7,157	5,848	2,457	2,132
Other	-------	-------	-------	-------	8,047	7,865	6,686	7,914
Vacuum cleaners and parts	-------	-------	-------	-------	1,064	1,100	290	1,856
Engines and parts:								
Aircraft	-------	-------	-------	-------	316	588	6,902	2,919
Diesel and other heavy oil type (except locomotives) and parts..	-------	-------	-------	-------	2,209	1,580	2,505	2,552
Tractors (including road rollers) and parts	-------	-------	-------	-------	12,202	5,121	12,913	10,203
Other	-------	-------	-------	-------	1,875	2,463	4,803	4,695
Mining	-------	-------	-------	-------	1,710	1,301	564	723
Machine tools	-------	-------	-------	-------	5,263	6,267	2,621	6,274
Portable hand tools, power-driven[2]...	-------	-------	-------	-------	496	383	945	1,073
Sewing machines (industrial and domestic) and parts	-------	-------	-------	-------	1,936	1,686	1,679	2,650
Textile, other	-------	-------	-------	-------	1,781	2,010	2,481	4,607
Roller bearings and ball bearings and parts	-------	-------	-------	-------	1,477	1,033	1,866	1,741
Adding and computing machines and parts	-------	-------	-------	-------	1,177	745	858	1,302
Typewriters and parts (except ribbons)	-------	-------	-------	-------	1,204	1,062	440	925
Printing, bookbinding and bookmaking	-------	-------	-------	-------	[10] 1,795	[10] 1,599	397	889
Agricultural, including gardening tools[11]	-------	-------	-------	-------	1,091	983	677	1,100
Refrigerators and parts	-------	-------	-------	-------	1,321	1,356	314	465
Other[2]	-------	-------	-------	-------	15,154	13,201	9,951	14,944
Passenger cars, trucks, busses and chassis[2].	-------	-------	-------	-------	36,920	30,551	25,027	41,467
Parts (except engines) for passenger cars, trucks, etc., miscellaneous[2]	-------	-------	-------	-------	5,975	4,808	2,000	7,194
Aircraft and parts (except engines)	-------	-------	-------	-------	3,436	4,620	29,572	7,084
Motorcycles and frames, partly or wholly finished .... number..	9,256	6,565	2,275	7,692	2,022	1,402	619	2,103

See footnotes at end of table.

Imports of Principal Commodities—Continued

[Years ended June 30]

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Drugs (except crude), chemicals and fertilizers:								
Drugs and medicinal preparations, non-spirituous	-------	-------	-------	-------	[10] 2,806	[10] 2,824	4,087	5,704
Essential oils (natural) non-spirituous	-------	-------	-------	-------	539	574	983	1,636
Dyes, synthetic .... 1,000 lb.	2,710	2,564	1,787	2,421	1,564	1,689	2,007	3,165
Soap and toilet preparations	-------	-------	-------	-------	1,552	1,355	491	1,371
Fertilizers .... long tons	828,013	863,546	709,238	764,855	5,766	6,026	8,951	9,779
Other[2]	-------	-------	-------	-------	11,337	11,772	8,521	12,204
Synthetic resins, plastic materials (except fibers) [2] [12]	-------	-------	-------	-------	1,122	1,089	4,239	3,374
Pigments, paints and varnishes	-------	-------	-------	-------	2,940	2,751	3,564	3,799
Fountain pens and mechanical pencils	-------	-------	-------	-------	[10] 500	[10] 430	413	1,523
Books (printed), music, periodicals and newspapers	-------	-------	-------	-------	5,404	5,138	5,828	7,997
Motion picture films .... 1,000 lin. ft.	77,509	73,879	69,795	81,667	2,837	2,679	2,020	2,279
Surgical, dental and veterinary instruments, appliances and materials	-------	-------	-------	-------	1,816	1,705	2,851	3,285
Clocks, watches and parts	-------	-------	-------	-------	2,773	2,356	2,760	2,812
Toys	-------	-------	-------	-------	978	884	260	1,240
Arms, ammunition and explosives	-------	-------	-------	-------	2,689	5,117	48,709	2,592
Military stores and equipment returned from operational areas	-------	-------	-------	-------	-------	-------	24,289	13,538
Passengers' personal and household effects	-------	-------	-------	-------	1,149	2,163	1,673	3,717
Outside packages (packages in which goods are imported)	-------	-------	-------	-------	12,719	10,944	10,109	14,768
Parcel post[13]	-------	-------	-------	-------	2,315	2,689	2,706	621
Other merchandise	-------	-------	-------	-------	74,947	61,535	49,862	73,598
Bullion and specie:								
Gold bar, dust, ingot and sheet .... 1,000 fine oz.	314	376	109	104	10,916	13,062	3,709	3,538
Gold specie	-------	-------	-------	-------	5	69	1	(5)
Silver in matte .... ounces	-------	-------	-------	7,744	-------	-------	-------	1
Silver bar, ingot and sheet .... 1,000 oz.	187	201	9	28	94	95	7	30
Silver specie	-------	-------	-------	-------	147	240	613	40
Bronze specie	-------	-------	-------	-------	2	1	1,448	-------

[1] Excludes ginger in liquid.
[2] Figures are not entirely comparable for all years.
[3] Comparable figures not available.
[4] Includes linters and spinners' waste.
[5] Less than one-half the unit.
[6] Not available.
[7] Value figure includes ruled or bordered paper valued at $6,000, for which quantity figure is not available.
[8] Includes aluminum scrap; excludes aluminum base alloys.
[9] Excludes transmitting sets and transmitters and receivers built as one unit.
[10] Incomplete.
[11] Includes road scoops, scrapers, and horse-drawn road rollers and machines.
[12] Includes crude synthetic rubber and synthetic oils and resins for paints, etc.
[13] Goods imported by parcel post the duty on which does not exceed £ sterling 5 ($24.90 and $23.69) per consignment in 1938 and 1939 and £ sterling 1 ($4.03) in 1946 and 1947 and free goods valued at not over £ sterling 5 ($20.15) per consignment in 1946 and 1947.

Exports of Principal Commodities
[Years ended June 30]

Commodity	Quantity 1938	Quantity 1939	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1938	Value 1939	Value 1946	Value 1947
Domestic exports, total, excluding bullion and specie					**550, 306**	**451, 098**	**619, 934**	**981, 223**
Meats and meat products:								
Beef, chilled or frozen ------ 1,000 lb	277, 134	259, 823	106, 060	178, 298	16, 206	15, 580	8, 741	14, 578
Pork, chilled or frozen ------ do	33, 959	30, 716	30, 773	18, 705	3, 708	3, 329	3, 884	2, 721
Bacon and hams ------ do	1, 676	1, 739	11, 714	6, 649	467	453	3, 350	1, 863
Lamb, chilled or frozen ------ do	159, 556	158, 333	39, 047	112, 095	18, 433	16, 583	3, 799	11, 708
Mutton, chilled or frozen ------ do	42, 246	28, 156	17, 528	52, 208	2, 755	1, 561	1, 167	2, 941
Canned:								
Beef ------ do	(1)	(1)	36, 167	43, 459	(1)	(1)	6, 706	9, 242
Bacon ------ do	(1)	(1)	7, 143	8, 025	(1)	(1)	2, 131	2, 665
Sausages ------ do	(1)	(1)	11, 984	12, 964	(1)	(1)	2, 292	3, 188
Meat and vegetables, combined 1,000 lb	(1)	(1)	18, 619	27, 711	(1)	(1)	2, 359	4, 172
Other, including soups[2] ------ do	12, 324	14, 828	28, 737	27, 478	1, 582	1, 888	5, 484	5, 451
Other ------	------	------	------	------	5, 455	5, 052	5, 238	9, 595
Milk and cream, dried, condensed, frozen, ect, including malted[3] ------ 1,000 lb	23, 201	17, 467	61, 421	101, 031	3, 105	2, 193	6, 951	13, 253
Butter ------ do	197, 346	229, 543	137, 611	133, 642	42, 777	48, 655	39, 564	40, 525
Cheese ------ do	27. 245	35, 924	32, 766	53, 555	3, 353	4, 053	5, 444	8, 522
Eggs, in shell ------ 1,000 doz	11, 287	10, 144	7, 291	17, 494	2, 725	2, 408	2, 057	4, 567
Eggs, not in shell ------ 1,000 lb	426	650	17, 690	29, 803	67	87	4, 681	9, 985
Hides and skins, raw:								
Cattle and calf ------ thousands	1, 845	2, 087	190	122	5, 096	3, 951	741	1, 070
Sheep, with wool ------ do	12, 704	12, 625	18, 812	18, 190	13, 400	8, 687	14, 069	22, 860
Kangaroo and wallaby ------ 1,000 lb	1, 267	1, 216	1, 502	2, 936	834	674	1, 625	4, 127
Rabbit and hare ------ do	5, 021	4, 433	14, 743	13, 230	4, 177	1, 620	20, 282	19, 585
Leather, dressed or undressed ------	------	------	------	------	2, 791	2, 363	2, 976	6, 323
Grains and preparations:								
Barley ------ 1,000 bu	4, 996	2, 727	731	2, 350	3, 198	1, 290	1, 160	5, 275
Wheat ------ do	94, 504	63, 129	13, 108	12, 683	82, 953	32, 967	20, 064	20, 435
Wheat flour ------ 1,000 cwt	12, 609	14, 501	10, 378	15, 302	23, 936	17, 135	36, 549	72, 653
Other ------	------	------	------	------	[4] 1, 788	[4] 1, 546	6, 664	11, 558
Vegetables, fresh, dried, or canned:								
Potatoes, dried or concentrated 1,000 lb	(1)	(1)	10, 242	10, 673	(1)	(1)	3, 966	2, 506
Preserved in liquid ------ do	(1)	(1)	90, 651	27, 060	[5] 82	[5] 47	8, 702	2, 875
Other ------	------	------	------	------	538	410	6, 268	5, 043
Fruits, fresh:								
Apples ------ 1,000 lb	192, 909	211, 114	69, 819	38, 746	5, 554	5, 410	3, 257	2, 470
Other ------ do	62, 692	64, 124	11, 499	28, 603	2, 599	2, 225	820	2, 527
Raisins ------ do	106, 378	110, 992	67, 250	78, 957	7, 810	7, 450	4, 990	6, 169
Fruits, preserved in liquid:								
Peaches ------ do	42, 914	44, 383	18, 208	43, 331	2, 402	2, 369	1, 269	3, 839
Other, excluding pulp ------ do	43, 585	36, 896	18, 527	28, 358	2, 708	2, 413	1, 606	2, 978
Jams and jellies, including jelly powders 1,000 lb	6, 199	13, 870	42, 735	65, 827	481	990	4, 326	7, 215
Cane sugar, raw and refined ------ do	959, 112	992. 351	338, 177	262, 089	15, 977	15, 767	9, 864	8, 744
Confectionery ------ do	964	1, 240	5, 334	14, 800	375	384	1, 114	3, 466
Wine, fermented ------ 1,000 gal	4, 680	4, 467	2, 143	3, 267	3, 743	3, 703	2, 388	3, 809
Rubber and manufactures (except apparel) ------	------	------	------	------	402	339	1, 692	3, 056
Wool, greasy[6] ------ 1,000 lb	721, 826	793, 385	711, 358	1, 019, 450	163, 560	140, 793	181, 803	312, 181
Wool, scoured and washed[6] ------ do	56, 299	63, 251	78, 322	173, 155	20, 469	17, 341	30, 910	80, 741
Wool tops, noils and waste[6] ------ do	5, 357	7, 631	16, 194	17, 670	2, 389	2, 754	10, 583	13, 637
Yarns, woolen (including hair) ------ do	26	31	1, 650	3, 202	26	24	2, 029	3, 910
Piece goods, woolen (including of fine hair) 1,000 sq. yd	53	26	4, 290	5, 675	36	25	4, 483	7, 014
Blankets and blanketing ------	------	------	------	------	15	4	1, 032	3, 556

See footnotes at end of table.

Exports of Principal Commodities—Continued
[Years ended June 30]

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Apparel (including umbrellas, etc.) and footwear					812	433	10, 507	12, 839
Timber and lumber, dressed or undressed, including staves, veneers, plywood, moldings, etc.					5, 295	3, 987	1, 975	3, 248
Iron and steel:								
Pig iron ... long tons	5, 834	52, 321	5, 850	134, 430	130	890	126	3, 858
Ingots, slabs, blooms, etc. ... do	2, 784	17, 655	106, 104	82, 400	82	518	4, 414	3, 409
Bars, rods, angles and tees ... do	39, 886	104, 585	10, 226	46, 548	1, 762	4, 101	629	2, 283
Lead, bullion, pig and in matte. 1,000 lb	476, 593	458, 068	238, 595	339, 133	19, 497	16, 102	13, 266	34, 678
Zinc ingots, blocks, slabs, cakes, etc. 1,000 lb	69, 303	99, 926	107, 946	102, 623	2, 984	3, 349	6, 972	8, 747
Metalliferous ores and concentrates:								
Zinc concentrates ... 1,000 lb	500, 375	548, 609	436, 868	386, 608	5, 226	3, 035	2, 951	3, 980
Silver and silver-lead concentrates 1,000 lb	72, 523	77, 164	37, 985	65, 226	1, 970	1, 828	669	2, 567
Other ... do	439, 211	346, 383	44, 167	84, 641	4, 094	3, 475	1, 988	3, 671
Machinery:								
Agricultural (including gardening tools)					417	318	960	2, 749
Other					3, 053	2, 498	4, 549	11, 187
Drugs (except crude) and medicines					(7)	(7)	2, 024	4, 299
Soap and toilet preparations					524	431	2, 822	2, 538
Arms, ammunition and explosives					399	642	12, 197	6, 512
Parcel post[8]					378	445	168	608
Passengers' personal and household effects (including theatrical properties)					300	326	1, 312	3, 052
Other merchandise					35, 411	34, 197	63, 325	86, 400
Bullion and specie:								
Gold in matte ... ounces			344				(9)	
Gold bar, dust, ingot and sheet 1,000 fine oz	1, 599	1, 639	2, 515	(9)	54, 847	56, 040	85, 150	4
Gold specie					347	415		
Silver in matte ... ounces			20, 850	2, 194			12	2
Silver bar, dust, ingot and sheet 1,000 oz	9, 056	9, 333	89	159	3, 907	3, 616	59	117
Silver specie					134	130	54	130
Bronze specie					7	(9)	269	2
Reexports:								
Total, excluding bullion and specie					7, 697	7, 581	13, 337	14, 619
Bullion and specie					8, 001	11, 367	1, 064	131

1 Not available.
2 Excluding potted or concentrated meats.
3 Excluding infants' and invalids' foods essentially of milk.
4 Not completely comparable with later years.
5 Excluding vegetables, pulped.
6 Excluding fine animal hair (angora, camel, vicuna, etc.).
7 Comparable figures not available.
8 Goods exported by parcel post, the value of each consignment not exceeding £ Australian 10 ($39.68 and $37.74) in 1938 and 1939 and £ Australian 5 ($16.12) in 1946 and 1947.
9 Less than one-half the unit.
NOTE.—Ships' stores are excluded.

Principal Imports from the United States
[Years ended June 30]

Commodity	Quantity 1938	Quantity 1939	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1938	Value 1939	Value 1946	Value 1947
General imports from the United States, total, excluding bullion and specie	-------	-------	-------	-------	**88, 436**	**69, 386**	**166, 646**	**140, 661**
Sausage casings .... 1,000 lb	1, 353	1, 373	311	596	1, 115	940	355	782
Fish, canned (except extracts, potted, concentrated, etc.) .... 1,000 lb	750	2, 142	2, 140	3	131	327	399	2
Hides and skins, raw	-------	-------	-------	-------	554	350	22	131
Barley .... 1,000 bu	-------	(1)	993	-------	-------	(1)	774	-------
Wheat .... do	(1)	(1)	388	-------	(1)	(1)	1, 134	-------
Tobacco, unmanufactured .... 1,000 lb	22, 867	22, 211	27, 940	18, 292	9, 261	8, 131	17, 139	11, 860
Hops .... do	-------	39	269	541	-------	9	156	348
Rubber, compounded .... do	(1)	(1)	2, 373	-------	(1)	(1)	1, 048	-------
Rubber tires and tubes	-------	-------	-------	-------	8	8	228	382
Elastics	-------	-------	-------	-------	179	166	148	1, 036
Turpentine .... 1,000 gal	848	698	454	446	260	157	419	446
Rosin (colophony) .... 1,000 lb	14, 372	12, 522	12, 505	17, 718	426	200	957	1, 565
Gums and resins, natural, other[2]	-------	-------	-------	-------	205	203	524	774
Cotton, raw .... 1,000 lb	[3] 5, 814	5, 130	10, 043	4, 538	[3] 845	604	2, 338	1, 283
Cotton yarns .... do	9	2	71	885	12	4	49	830
Artificial silk yarns .... do	1	2	192	430	1	2	133	353
Piece goods (not waterproofed, coated, etc.)								
Cotton and linen	-------	-------	-------	-------	57	219	3, 537	6, 075
Canvas and duck .... 1,000 sq. yd	17	7	542	1, 073	9	3	399	579
Silk and artificial silk	-------	-------	-------	-------	87	157	985	9, 787
Apparel (including umbrellas, ornaments, trimmings, etc.) and footwear	-------	-------	-------	-------	352	519	543	450
Timber and lumber, dressed or undressed, including staves, veneers, plywood, moldings, etc.	-------	-------	-------	-------	[4] 1, 906	[4] 1, 199	1, 843	1, 988
Wood pulp, chemical .... long tons	11, 810	2, 146	8, 139	998	150	108	714	134
Paper, cardboard, etc:								
Printing paper .... 1,000 lb	683	464	8, 046	2, 697	59	28	483	251
Writing and typewriting paper	-------	-------	-------	-------	7	9	2, 499	1, 415
Wrapping paper (except tissue) .... 1,000 lb	609	383	2, 852	1, 250	94	80	452	194
Other, excluding made-up articles	-------	-------	-------	-------	487	410	1, 242	988
Petroleum oils (bulk):								
Gasoline, benzine, naphtha, etc. .... 1,000 bbl	1, 945	1, 430	2, 755	1, 308	5, 385	3, 453	9, 649	4, 328
Kerosene .... do	335	56	266	32	831	147	687	123
Residual and solar .... do	103	95	228	214	136	121	437	567
Lubricating .... do	493	406	508	750	4, 521	3, 380	5, 645	9, 171
Asphalt, bitumen, tar and pitch[2] .... long tons	25, 526	26, 703	59, 971	9, 644	267	313	910	272
Glass and glassware[2]	-------	-------	-------	-------	297	357	384	539
Sulfur .... long tons	83, 807	114, 732	81, 650	109, 724	1, 698	2, 306	1, 683	2, 432
Iron and steel: plates and sheets[2] .... do	38, 594	18, 742	67, 153	68, 215	3, 934	1, 731	10, 175	10, 470
Hand tools (non-powered)[2]	-------	-------	-------	-------	1, 191	890	1, 445	488
Machinery:								
Electrical machinery and appliances	-------	-------	-------	-------	2, 567	2, 628	6, 128	4, 209
Engines and parts:								
Aircraft	-------	-------	-------	-------	144	131	2, 661	714
Tractors (including road rollers) and parts	-------	-------	-------	-------	10, 237	4, 009	11, 383	8, 246
Other	-------	-------	-------	-------	538	637	1, 077	1, 489
Mining	-------	-------	-------	-------	936	629	334	448
Pumps (hand and power)	-------	-------	-------	-------	677	455	118	329
Machine tools	-------	-------	-------	-------	1, 268	1, 364	1, 103	2, 111
Portable hand tools, power-driven	-------	-------	-------	-------	205	180	500	317
Sewing machines (industrial and domestic) and parts	-------	-------	-------	-------	418	338	614	704

See footnotes at end of table.

Principal Imports from the United States—Continued [1]
[Years ended June 30]

Commodity	Quantity				Value (thousands of dollars)			
	1938	1939	1946	1947	1938	1939	1946	1947
Machinery—Continued								
Textile, other					190	217	438	801
Fruit and vegetable preparing, and canning machinery and appliances					[5] 44	[5] 26	27	395
Roller bearings and ball bearings and parts					147	106	662	514
Adding and computing machines and parts					875	505	747	885
Typewriters and parts (except ribbons)					253	197	263	322
Printing, bookbinding and bookmaking					[4] 630	[4] 695	293	540
Road-making machinery, miscellaneous[6]					[4] 41	[4] 63	216	772
Agricultural (including gardening tools)[7]					562	553	335	463
Refrigerators and parts					113	637	246	406
Other[2]					2,490	2,560	2,636	3,019
Passenger cars, trucks, busses, chassis, bodies, and parts, miscellaneous (except engines)[2]					14,663	10,308	13,016	12,390
Aircraft and parts (except engines)					1,515	1,228	17,060	5,097
Drugs (except crude), chemicals and fertilizers:								
Drugs and medicinal preparations, non-spirituous					[4] 277	[4] 294	1,087	1,148
Essential oils (natural) non-spirituous					105	115	567	584
Butyl acetate ... 1,000 lb	(1)	1,511	819	903	162	182	142	349
Synthetic perfumes (non-spirituous) concentrated					158	105	134	424
Rock phosphates ... long tons	(8)	(8)	71,287	23,694	(8)	(8)	527	208
Other[2]					1,509	1,758	2,267	2,509
Synthetic resins, plastic materials (except fibers)[2] [9]					226	325	3,182	1,827
Pigments, paints, and varnishes					695	569	1,378	1,631
Books (printed), music, periodicals, and newspapers					777	773	1,312	1,844
Motion picture films					1,713	1,637	1,407	1,322
Surgical, dental, and veterinary instruments, appliances and materials					484	426	1,479	1,261
Arms, ammunition and explosives					113	179	10,647	531
Parcel post[10]					391	462	460	175
Other merchandise					8,848	8,564	12,865	12,634
Bullion and specie					2	6	1,994	4

[1] Not available.
[2] Figures are not entirely comparable for all years.
[3] Includes linters and spinners' waste.
[4] Incomplete.
[5] Canning machinery and appliances only.
[6] Includes tractors with non-detachable appliances.
[7] Includes road scoops, scrapers and horse-drawn road rollers and machines.
[8] Negligible if any.
[9] Includes crude synthetic rubber and synthetic oils and resins for paints, etc.
[10] Goods imported by parcel post the duty on which does not exceed £ sterling 5 ($24.90 and $23.69) per consignment in 1938 and 1939 and £ sterling 1 ($4.03) in 1946 and 1947 and free goods valued at not over £ sterling 5 ($20.15) per consignment in 1946 and 1947.

Principal Exports to the United States
[Years ended June 30]

Commodity	Quantity 1938	Quantity 1939	Quantity 1946	Quantity 1947	Value (thousands of dollars) 1938	Value 1939	Value 1946	Value 1947
Exports (including reexports) to the United States, total, excluding bullion and specie	-------	-------	-------	-------	**13, 404**	**13, 604**	**120, 384**	**153, 412**
Sausage casings 1,000 lb	1, 914	1, 388	698	842	1, 112	981	427	488
Hides and skins, raw:								
Cattle and calf thousands	501	682	[1] 60	38	542	523	[1] 245	265
Sheep with wool do	328	64	5, 481	4, 462	837	46	3, 884	6, 002
Sheep without wool do	459	452	1, 307	1, 091	157	103	355	632
Kangaroo and wallaby 1,000 lb	1, 127	1, 194	1, 366	2, 707	738	664	1, 400	3, 717
Rabbit and hare do	4, 153	3, 907	13, 390	11, 364	3, 381	1, 481	17, 796	15, 454
Opossum thousands	235	44	86	81	79	18	244	216
Pearl shell 1,000 lb	2, 818	3, 091	110	464	718	529	59	357
Trochus shell do	17	46	779	2, 455	2	5	164	379
Grass and field seeds do	(2)	(2)	813	1, 095	[3] 47	[3] 42	272	395
Rags of vegetable fibers do	104	61	805	371	34	18	327	173
Jute and hemp piece goods 1,000 sq. yd	(2)	(2)	22, 566	[1] 305	(2)	(2)	1, 365	[1] 20
Wool, greasy[4] 1,000 lb	4, 194	21, 485	288, 967	302, 772	1, 337	4, 841	73, 852	102, 484
Wool, scoured and washed[4] do	516	417	26, 904	22, 561	216	138	10, 435	10, 418
Wool tops, noils and waste[4] do	247	348	5, 183	4, 215	111	101	2, 597	2, 210
Copper concentrates do	26, 097	29, 555	-------	-------	1, 489	1, 514	-------	-------
Lead, bullion, pig, and in matte do	1, 897	-------	26, 418	19, 040	103	-------	1, 396	2, 259
Tin ingots do	45	739	(2)	-------	22	314	(2)	-------
Zinc concentrates do	-------	-------	22, 205	-------	-------	-------	273	-------
Zinc ingots, blocks, slabs, cakes, etc. 1,000 lb	(2)	(2)	14, 696	-------	(2)	(2)	975	-------
Titanium and zirconium ores, sands, and concentrates 1,000 lb	(2)	(2)	34, 311	60, 344	(2)	(2)	498	959
Silver and silver-lead concentrates do	30, 744	21, 790	26, 872	30, 670	828	563	456	1, 149
Eucalyptus oil 1,000 lb	335	442	(2)	691	72	110	323	525
Glycerin, unrefined do	[5] 12	-------	4, 584	1, 744	[5] 2	-------	433	743
Parcel post[6]	-------	-------	-------	-------	15	21	33	45
Passengers' personal and household effects (including theatrical properties)	-------	-------	-------	-------	26	24	188	458
Other merchandise	-------	-------	-------	-------	1, 536	1, 568	2, 387	4, 064
Bullion and specie:								
Gold bar, dust, ingot and sheet 1,000 fine oz	856	1, 757	-------	-------	29, 370	60, 191	-------	-------
Gold specie	-------	-------	-------	-------	282	-------	-------	-------
Silver bar, dust, ingot and sheet 1,000 oz	88	102	-------	-------	33	36	-------	48
Silver specie	-------	-------	-------	-------	(7)	(7)	-------	(7)
Bronze specie	-------	-------	-------	-------				

[1] Figure may be incomplete owing to inadequate information on country of destination of all items in group.
[2] Not available.
[3] Includes vegetable, flower, and all seeds for sowing.
[4] Excludes fine animal hair (e.g. angora, camel, vicuna, etc.).
[5] Includes refined.
[6] Goods exported by parcel post, the value of each consignment not exceeding £ Australian 10 ($39.68 and $37.74) in 1938 and 1939 and £ Australian 5 ($16.12) in 1946 and 1947.
[7] Less than $500.

FINANCE

Total expenditures of the six State Governments from consolidated funds, 1938–39 and 1944–45 to 1946–47, consecutively: £128,770,000, £167, 785,000, £166,218,000, and £174,-575,000. Total revenues for the same years: £124,894,000, £169,657,000, £166,508,000 and £172,573,000. Principal sources of revenue in 1946–47: Taxation, £28,426,000; railways and tramways, £70,176,000; Commonwealth payments (including income tax reimbursements), £51,797,000.

Receipts and Expenditures of the Commonwealth Government (Thousands of Australian Pounds)
[Fiscal years ended June 30]

Item	1938-39	1944-45	1945-46	1946-47	1947-48
Consolidated Revenue Fund receipts:					
Customs	31,161	21,488	28,894	45,871	57,597
Excise	16,472	45,689	49,067	56,375	58,007
Income tax[1]	11,883	215,534	214,594	207,765	232,900
Sales tax	9,308	29,672	33,600	36,265	34,728
Pay-roll tax		11,088	11,499	13,647	16,595
Other taxes	5,287	14,524	15,557	25,693	23,918
Post office	17,366	27,872	28,455	29,802	31,390
Railways	526	2,866	1,665	1,154	1,190
Other revenue	3,062	8,121	7,449	14,684	9,580
Total	95,065	376,854	390,780	431,256	465,905
Ordinary expenditures:					
Administrative and miscellaneous services	5,703	9,806	10,328	21,127	32,497
National welfare and social services	16,428	66,702	46,499	64,647	88,043
War (1914-18)	19,257	19,289	18,892	19,259	19,674
Defense, War (1939-45)	8,855	193,956	224,978	194,702	180,047
Post office	18,729	27,389	29,011	33,917	40,431
Railways	1,493	2,933	2,284	2,035	2,236
Payments to or for States[2]	15,649	47,869	49,614	60,381	66,660
Assistance to primary producers	2,015	1,996	1,779	18,820	8,914
Other ordinary and other expenditures	6,308	6,914	7,395	16,368	25,983
Total	94,437	376,854	390,780	431,256	464,485
Commonwealth expenditure from General Loan Fund	3,594	265,990	159,727	48,895	13,126

[1] Includes social services contribution.
[2] Includes tax reimbursements.

Public Debt of the Commonwealth and States (Millions of Australian Pounds)

June 30—	Redeemable in Australia		Overseas[1]		Total debt		Grand total
	Commonwealth	States	Commonwealth	States	Commonwealth	States	
1939	218	485	125	519	343	1,004	1,347
1940	257	494	127	524	384	1,018	1,402
1941	320	505	142	523	462	1,028	1,490
1942	529	504	142	516	671	1,020	1,691
1943	917	494	142	515	1,059	1,009	2,068
1944	1,299	492	126	507	1,425	999	2,424
1945	1,552	514	126	492	1,678	1,006	2,684
1946	1,724	543	111	461	1,835	1,004	2,839
1947	1,755	568	111	456	1,866	1,024	2,890
1948	1,740	612	111	449	1,851	1,061	2,912

[1] Overseas debt converted to Australian currency at the rates of exchange current at the dates shown.

Currency and exchange.—Unit of currency, Australian pound, formerly same par value as pound sterling. Australia suspended the gold standard at the end of 1929, almost 2 years before the United Kingdom. The Australian pound is now held stable at the rate of £125 Australian = £100 sterling. Note circulation, weekly average October 1948, £197,730,000; gold and balances held abroad, November 17, 1948, £327,400,000.

Average Exchange Rates of the Australian Pound
Average of certified noon buying rates in New York for cable transfers.

Year	Rate	Year	Rate	Year	Rate	Year	Rate
1929	$4.8083	1934	$4.0095	1939	$3.5338	1944	
1930	4.5860	1935	3.8886	1940	3.0516	1945	3.2117
1931	3.5150	1936	3.9594	1941	3.2127	1946	3.2134
1932	2.7993	1937	3.9394	1942	3.2150	1947	3.2100
1933	3.3707	1938	3.8995	1943	3.2150	1948	3.2122

PRINCIPAL SOURCES

Publications of Commonwealth Bureau of Census and Statistics:
- Census of the Commonwealth of Australia.
- Monthly Review of Business Statistics.
- Quarterly Summary of Australian Statistics.
- Transport and Communication Bulletin (annual).
- Oversea Trade and Customs and Excise Revenue.

Other:
- Statistical Bulletin, Commonwealth Bank (monthly).

NEW ZEALAND

(See general explanatory note, p. vi. Values expressed in pounds (£) refer to the New Zealand pound unless otherwise stated)

AREA AND POPULATION

Area, 103,935 square miles, including annexed islands; North Island, 44,281; South Island, 58,092. Population, census of September 1945, 1,702,298 (including 98,744 Maoris); March 1936 census, 1,573,810 (including 82,326 Maoris); April 1926 census, 1,408,139 (including 63,670 Maoris); April 1921 census, 1,271,664 (including 56,987 Maoris); October 1916 census, 1,149,225 (including 52,997 Maoris). Estimated population September 30, 1948, 1,848,846 (including 110,882 Maoris); males, 926,668; females, 922,178. It is estimated that 98 percent of population, excluding Maoris, is of British stock. Illiteracy, less than 2 percent.

Other population statistics, 1945 census (including Maoris): North Island, 1,146,292; South Island, 556,006. Urban population (centers of 1,000 or over), 63 percent. Cities (including suburbs): Auckland, 263,370; Wellington, 173,520; Christchurch, 150,047; Dunedin, 83,351; Palmerston North, 27,294; Hamilton, 26,401; Wanganui, 26,462.

AGRICULTURE AND LIVESTOCK

Land distribution, 1946–47 (thousand acres): Cultivated, 20,104 (including 18,077 of pasture land); planted forests, 870; fallow, 124; unimproved land, 22,996.

Production value, 1945–46 (£1,000): Agricultural, 15,100; pastoral, 59,400; dairy, poultry, and bees, 41,300; forestry, 6,100.

Livestock (thousands), 1947: Sheep (April 30), 32,682; cattle (Jan. 31), 4,634; swine (Jan. 31), 546.

Principal Crops: Area and Production

[Yearly averages and years]

Crop	Area (thousands of acres)[1]					Production (thousands of units—bushels except as indicated)				
	1934-35 to 1938-39	1939-40 to 1943-44	1945-46	1946-47	1947-48	1934-35 to 1938-39	1939-40 to 1943-44	1945-46	1946-47	1947-48
Wheat	214.0	256.0	161	141	124	6,714	8,503	5,439	5,368	4,539
Oats	63.0	58.0	57	55	63	2,793	2,657	2,797	2,686	2,854
Barley	23.0	30.0	49	53	63	828	1,034	1,872	2,027	2,088
Corn	6.9	8.1	7	8	7	312	406	350	397	378
Peas	19.0	33.0	33	51	52	448	787	817	1,231	1,139
Potatoes	22.0	21.0	23	19	22	[2] 118	[2] 125	[2] 140	[2] 116	[2] 155
Grass and clover seed	111.0	140.0	225	254	141	[3] 23,717	[3] 29,617	[3] 49,490	[3] 62,963	[3] 33,500

[1] Acreage of grain crops represents the area threshed. The additional acreage for chaff, hay, or ensilage totals about 700,000 per year.
[2] Unit, long ton.
[3] Unit, pound.

Animal Products (Thousands of Long Tons)

Product	1937-39 average	1943	1944	1945	1946	1947	1948
Butter[1]	161.3	139.1	133.7	151.6	124.0	143.2	149.0
Cheese[1]	88.4	102.8	92.1	103.7	94.5	91.6	89.0
Pork, bacon, and ham[2]	47	41.0	41.0	41.0	37.0	34.9	----------
Mutton and lamb[2]	246	288.0	286.0	298.5	311.0	314.0	----------
Beef[2]	140	172.0	148.0	166.5	158.5	168.0	----------
Veal[2]	23	20.0	18.0	17.5	18.0	18.0	----------
Wool, all sorts, including wool on skins[1]	138.0	151.7	147.3	116.0	162.9	160.7	159.3

[1] Years ended June 30.
[2] Years ended September 30, except that the 1937-39 average is for years ended June 30.

MINING AND MANUFACTURING

Manufacturing, 1945–46, with 1944–45 figures in parentheses: Value of products, £195,259,000 (£189,801,000); value added by manufacture, £71,751,000 (£67,106,000); number of factories, 6,991 (6,485); persons employed, 128,208 (122,414); salaries and wages, £41,499,000 (£37,379,000).

Mine and Factory Production
[Years ended March 31, except as noted]

Product	1935-39, average	1942	1943	1944	1945	1946	1947
Coal[1] 1,000 long tons	2,220	2,680	2,788	2,806	2,834	2,794	2,752
Gold and silver[1] troy ounces	578,463	477,346	429,936	470,568	372,908	343,612	334,244
Flour, wheat long tons	136,055	143,064	149,925	152,469	152,666	[2] 154,418	[3] 151,098
Ale 1,000 U. S. gal	15,489	22,564	24,468	28,875	28,884	32,876	34,704
Leather 1,000 lb	5,536	10,245	12,725	14,003	12,031	13,123	----------
Boots and shoes 1,000 pr	1,870	2,725	2,808	3,138	3,011	2,741	----------
Lumber, rough sawn 1,000 ft	296,446	324,474	341,515	350,748	340,133	344,723	353,955
Furniture £1,000	1,319	2,013	1,899	2,223	----------	----------	----------
Printing, publishing, bookbinding £1,000	4,384	5,270	4,877	5,409	----------	----------	----------
Clothing and hosiery do	4,032	8,236	8,645	[4] 9,538	----------	----------	----------
Agricultural machines do	931	1,422	1,116	1,345	----------	----------	----------
Motor vehicles do	3,652	3,576	3,580	4,000	----------	----------	----------
Superphosphates and chemical fertilizers £1,000	1,570	1,965	1,586	1,553	1,891	2,127	2,583
Electric current generated 1,000 kw.-hr	1,151,208	1,928,646	2,036,372	2,170,194	2,274,000	2,635,000	----------

[1] Years ended December 31.
[2] Includes 3,720 tons of blended Australian flour.
[3] Includes 5,639 tons of blended Australian flour.
[4] Not including hosiery produced in woolen mills, valued at £169,774 in 1943-44.

TRANSPORTATION AND COMMUNICATION

Railways, 1944–45 (fiscal year ended March 31) with 1936–37 data in parentheses.—Practically all government owned. Miles of line, 3,504 (3,320); locomotives, 643 (575); passenger cars, 1,542 (1,499); freight cars, 31,543 (27,316); passengers carried, 32,994,529 (21,235,428); long tons of freight, 8,954,239 (6,813,602). Construction continues.

Posts, telegraphs, and telephones.—All government owned. Posts, 1945: Offices, 1,607; pieces of mail (letters and cards), 271,302,000. Telegraphs, year ended March 31, 1945: 26,934,472 telegrams and toll messages sent. Telephones, March 31, 1948: 300,552 instruments (178,599 in 1937).

Shipping.—Entrances (vessels in foreign trade): 1945, 415 vessels of 1,830,469 net tons (446 vessels of 1,788,687 tons in 1944).

FOREIGN TRADE

Per capita trade.—1947: General imports, $227.55; exports including reexports, $225.70.

Basis of trade statistics.—Statistics relate to New Zealand proper; Western Samoa is treated as a foreign country but Cook and other annexed islands are excluded from New Zealand's foreign trade and their trade with other countries is not counted as trade of New Zealand.

Imports are valued on the basis of prices in the exporting country at the time of exportation plus 10 percent to cover freight, insurance, etc.; exports, f. o. b. at port of shipment. Country of origin for imports; country of destination for exports as far as practicable. Transit trade and transshipment goods are excluded. Patriotic fund exports and Red Cross exports to prisoners of war are excluded.

Imports include mutual aid, lend-lease supplies, defense materials and equipment; exports exclude reciprocal aid and reverse lend-lease. Inclusion of lend-lease supplies in imports which did not involve normal transactions in monetary exchange (being canceled by reciprocal aid provided in New Zealand, not included in exports) to a large extent invalidates comparison with other years. Estimated values of lend-lease supplies imported during the period 1942–45 are as follows: 1942—£NZ11,000,000 ($35,500,000); 1943—£NZ27,000,000 ($87,500,000); 1944—£NZ21,400,000 ($69,400,000); 1945—£NZ7,500,000 ($24,300,000). These values include imports only where they have actually passed through New Zealand customs authorities' hands; therefore they exclude such items as transport costs for personnel and freight, goods sent direct to the Pacific, and the lend-lease cost of much war material which would not be recorded on shipping documents when the goods arrived. Hence these values differ from total lend-lease received (New Zealand Official Year-Book, 1946).

Value figures have been converted from New Zealand pounds to United States dollars at the following rates: 1934, $4.0246; 1935, $3.9126; 1936, $3.9892; 1937, $3.9691; 1938, $3.9235; 1939, $3.5482; 1940, $3.0638; 1941, $3.2254; 1942, $3.2278; 1943, $3.2420; 1944, $3.2442; 1945, $3.2346; 1946, $3.2263; and 1947, $3.2229.

Value of Imports and Exports

Year	Merchandise				Bullion and specie			
	Thousands of New Zealand pounds		Thousands of dollars		Thousands of New Zealand pounds			
					Bullion		Specie[2]	
	General imports	Exports including reexports[1]	General imports	Exports including reexports[1]	Imports	Exports	Imports	Exports
1934	31,337	45,949	126,118	184,928	3	1,393	1,242	2,284
1935	36,315	45,024	142,085	176,161	3	1,514	382	521
1936	44,255	55,291	176,541	220,568	4	1,461	37	45
1937	56,157	64,965	222,893	257,851	4	1,487	319	4
1938	55,418	56,755	217,432	222,677	4	1,340	31	32
1939	49,372	55,985	175,182	198,647	15	1,665	25	3
1940	[3] 48,998	[4] 71,198	[3] 150,119	[4] 218,135	(5)	[6] 2,005	37	-----
1941	[3] 49,167	[4] 65,183	[3] 158,583	[4] 210,241	(5)	[6] 1,863	205	10
1942	53,852	78,899	173,822	254,671	4	1,761	147	25
1943	95,240	69,899	308,767	226,614	3	1,564	462	1
1944	86,391	75,804	280,269	245,923	6	1,450	160	(7)
1945[8]	[3] 55,073	[9] 79,758	[3] 178,139	[9] 257,984	(5)	[10] 1,274	208	4
1946[8]	[3] 71,634	[4] 97,714	[3] 231,113	[4] 315,256	(5)	[6] 1,199	419	5
1947[8]	[3] 128,725	[4] 127,676	[3] 414,867	[4] 411,487	(5)	[6] 1,061	185	10

[1] Prior to 1937, ships' stores ex warehouse or under drawback and the unconsumed balance of New Zealand shipped bunker coal or fuel oil remaining on board at time of clearance of vessel are included; all others excluded throughout.
[2] Face value.
[3] Includes bullion.
[4] Includes reexports of bullion.
[5] Not available.
[6] Excludes reexports.
[7] Less than 500 New Zealand pounds.
[8] Figures are provisional.
[9] Includes reexports of silver.
[10] Excludes reexports of silver.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Exports including reexports			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Total, excluding bullion and specie	**222,893**	**217,432**	**[2] 231,113**	**[2] 414,867**	**[3] 257,851**	**[3] 222,677**	**[2] [3] 319,123**	**[2] [3] 414,908**
United States	27,631	26,896	38,047	75,187	18,989	5,578	31,294	26,345
Australia	26,173	28,082	33,617	48,157	5,894	7,320	11,703	13,201
Bahrein Islands	211	972	1,417	3,510	------	------	(4)	3
Belgium	2,165	2,032	779	7,865	2,711	1,425	1,524	6,417
Canada	18,112	19,050	15,022	37,416	6,662	4,422	8,677	9,861
Ceylon	3,268	3,210	4,715	6,282	4	1	564	201
Fiji	379	442	4,059	7,015	378	386	993	1,422
France	923	922	239	2,818	4,028	3,984	11,180	14,333
Germany	3,861	4,390	6	75	3,648	3,496	5,288	252
India, Pakistan, etc	2,302	2,218	6,836	15,182	539	539	9,956	1,584
Indonesia	8,884	8,477	18	91	16	30	153	421
Iran	71	501	1,475	6,069	------	------	(4)	------
Japan	6,466	4,742	2	(5)	12,431	2,325	8	(5)
Netherlands	1,066	1,059	183	1,971	510	598	1,605	5,535
Sweden	1,464	1,588	1,642	3,701	368	332	897	1,103
United Kingdom	110,580	104,095	110,323	177,385	196,699	187,864	223,119	318,029
Other countries	9,337	8,756	12,733	22,143	4,974	4,377	12,162	16,201
Percent of total:								
United States	12.4	12.4	16.5	18.1	7.4	2.5	9.8	6.3
Australia	11.7	12.9	14.5	11.6	2.3	3.3	3.7	3.2
Canada	8.1	8.8	6.5	9.0	2.6	2.0	2.7	2.4
United Kingdom	49.6	47.9	47.7	42.8	76.3	84.4	69.9	76.7

[1] Figures are provisional.
[2] Includes bullion.
[3] Excludes ships' stores valued at 1,038; 1,105; 1,591 and 2,156 thousand dollars for the years 1937, 1938, 1946, and 1947, respectively.
[4] Less than $500.
[5] Not available.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
General imports, total, excluding bullion and specie	------	------	------	------	**222,893**	**217,432**	**[2] 231,113**	**[2] 414,867**
Egg pulp ... 1,000 lb	5	8	2,874	4,975	3	6	815	1,416
Fish, canned ... do	5,343	5,618	319	3,514	811	916	71	1,136
Leather and manufactures (except apparel and footwear)	------	------	------	------	1,568	1,254	1,016	2,349
Wheat ... 1,000 bu	1,583	3,445	3,012	5,037	1,941	3,153	5,294	6,745
Fruit, fresh:								
Oranges ... 1,000 lb	20,186	27,313	7,330	15,909	804	1,015	513	1,086
Other ... do	28,212	41,689	26,619	25,909	758	987	529	526
Fruit, dried:								
Raisins ... do	11,418	9,351	8,020	14,185	1,159	993	907	1,777
Other ... do	14,042	12,598	7,468	11,712	901	859	829	1,803
Cocoa beans ... do	3,106	4,872	6,692	6,074	294	284	596	1,494
Tea ... do	10,682	11,176	10,841	14,338	3,265	3,205	4,118	6,783
Sugar (including glucose, molasses and sirup) ... 1,000 lb	207,357	188,548	193,784	185,729	2,874	2,359	6,726	8,180
Whisky ... 1,000 liq. gal	409	387	199	238	1,670	1,621	961	1,198
Spirits, potable, other	------	------	------	------	733	718	483	1,016
Rubber and manufactures (except apparel, footwear, tires and tubes):								
Rubber, raw ... 1,000 lb	(3)	229	3,371	4,822	41	32	1,026	1,005
Machinery belting (including textile)	------	------	------	------	287	262	557	836
Other	------	------	------	------	642	627	550	1,278
Linseed oil ... 1,000 gal	822	1,001	356	366	425	446	461	890
Tobacco, unmanufactured ... 1,000 lb	2,401	2,945	6,806	4,651	957	1,258	3,933	3,454
Cigarettes ... do	(3)	(3)	1,019	2,848	1,910	1,817	1,923	5,130
Tobacco, manufactured, other ... do	928	1,076	414	377	866	1,013	533	614

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Textile fibers and manufactures:								
Yarns and thread					2,344	1,841	4,597	5,916
Piece goods:								
Cotton, linen and canvas (except tapestries, etc.)					7,717	5,856	17,102	21,896
Jute and Hessian					687	587	865	2,508
Silk and artificial silk (except tapestries, etc.)					4,285	3,305	7,255	16,631
Woolen ....1,000 sq. yd..	(3)	4,091	3,810	5,786	4,487	3,045	4,922	8,918
Tapestries, tickings, etc., of material other than wool 1,000 sq. yd..	(3)	1,528	3,795	4,756	539	455	2,088	5,500
Bags and sacks					1,544	1,452	[4] 1,543	[4] 7,025
Floor coverings					3,634	2,687	2,912	7,229
Apparel (including umbrellas, minor articles for manufacture of apparel, viz. buttons, fasteners, etc.)					11,867	9,880	5,263	14,726
Other					5,489	4,363	[4] 3,460	[4] 11,040
Footwear					3,315	2,685	554	2,496
Timber, sawn (rough and dressed) M bd. ft..	26,978	29,838	14,869	26,500	1,510	1,683	1,045	2,864
Wood pulp and paper pulp....long tons..	5,030	7,478	10,685	9,113	235	334	977	1,237
Paper, not including made-up articles:								
Printing paper:								
Newsprint ....1,000 lb..	63,515	82,881	51,455	64,129	1,366	2,069	1,662	2,930
Other ....do....	19,926	17,442	12,180	30,564	1,319	1,150	1,211	4,414
Writing paper ....do....	7,086	4,960	2,856	5,354	480	386	457	886
Paperhangings					295	290	674	746
Cardboard, wallboard, etc....1,000 lb..	36,327	32,168	20,036	37,996	1,235	1,225	1,240	3,381
Other (including celluloid in sheets, rolls, etc.)					1,897	1,767	1,900	3,841
Coal ....long tons..	116,499	109,206	27,185	93,411	444	424	322	1,256
Petroleum, crude, fuel oils, etc..1,000 bbl..	1,231	1,867	1,591	2,001	1,319	2,296	2,692	4,688
Kerosene ....do....	135	197	270	263	344	468	675	824
Gasoline ....do....	2,450	2,925	2,465	2,903	7,368	7,421	6,466	10,249
Lubricating oil (mineral) except transformer in bulk ....1,000 bbl..	115	89	100	174	1,579	1,204	1,538	3,023
Glass and glassware					1,666	1,572	1,804	3,390
Earthenware, china and stoneware					1,590	1,507	[4] 1,910	[4] 3,216
Iron and steel and manufactures:								
Bar, bolt and rod ....long tons..	41,324	54,731	21,092	22,423	2,184	3,002	1,377	1,531
Plate and sheet ....do....	60,128	50,058	37,676	40,900	5,885	5,085	4,920	5,909
Angle, tee, channel and girder..do....	16,925	19,031	2,279	9,275	867	1,098	162	586
Railway material and rolling stock:								
Rails, points, crossings, etc. long tons..	6,491	29,907	3,374	11,848	415	1,744	272	1,362
Other					970	1,922	901	2,398
Tubes, pipes and fittings...long tons..	19,367	17,703	13,845	12,455	2,198	2,258	2,528	2,289
Mechanics' tools					1,428	1,417	1,473	3,362
Copper pipes, plate, bar, etc......1,000 lb..	2,353	3,165	2,942	3,818	525	641	753	1,399
Brass pipes, plate, bar, etc........do....	1,778	1,554	2,455	2,609	342	305	466	768
Wire (except insulated) including netting					3,425	3,257	[4] 2,368	[4] 2,725
Cordage of metal (except precious) 1,000 lb..	4,808	5,001	4,808	7,183	590	704	898	1,528
Meters, testing instruments, etc., and appliances					998	1,018	1,330	2,164
Machinery:								
Electrical and apparatus:								
Motors and parts					993	1,023	(3)	(3)
Cable and wire, insulated					1,970	1,775	(3)	(3)
Wireless apparatus					2,410	1,688	768	1,550
Other					7,482	8,356	11,336	21,787
Engines, turbines and parts (except locomotives)					1,531	1,408	[5] 1,683	[5] 2,978
Dredging and excavating					351	1,337	1,063	713
Metal, wood, glass, and stone-working					1,333	1,412	2,611	4,640
Sewing machines (domestic and industrial) ....number..	18,379	14,754	5,077	13,935	1,039	741	360	869
Dairy					522	448	415	740
Agricultural					1,460	1,366	1,305	2,101
Tractors and parts (except engines) number of tractors..	2,533	2,734	3,188	3,574	2,915	3,164	4,769	4,160
Other					7,811	8,824	12,951	19,824
Passenger cars (except busses) and chassis number..	30,335	28,378	7,083	19,433	18,734	17,678	6,359	19,192

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Trucks, busses, etc., and chassis....do....	6,444	5,086	3,189	7,101	4,246	3,618	3,361	8,076
Parts for passenger cars, trucks, etc.					1,543	1,682	1,891	3,760
Bicycles, motorcycles, and parts					1,631	897	1,232	2,199
Rubber tires and tubes, including repair materials					3,697	3,474	4,242	7,764
Pigments, paints, and varnishes					1,849	1,831	1,631	2,058
Drugs, dyes, chemicals, and druggists' wares:								
Salt....1,000 lb..	95,986	87,572	93,338	128,687	435	384	588	870
Sulfur....do....	127,117	117,549	97,737	176,975	1,170	1,051	954	1,905
Insecticides and disinfectants					785	710	1,105	1,052
Other					5,485	5,766	6,811	9,855
Fertilizers....long tons..	433,783	402,314	355,438	383,085	3,150	2,744	5,151	5,740
Arms, ammunition, and explosives					1,726	2,026	2,213	5,341
Motion picture films....1,000 lin. ft..	18,385	15,318	10,400	12,035	1,214	1,199	841	939
Photographic goods (excluding motion picture cameras, projecting lanterns, etc.)					789	1,040	828	1,469
Surgeons', physicians', and dentists' instruments and materials					603	634	1,249	1,667
Musical instruments					576	553	474	998
Sporting and athletic goods					757	696	428	1,129
Books, papers, and music, printed					2,399	2,789	3,622	4,964
Clocks, watches, and parts					615	882	713	1,314
Matches (wax and wooden)					311	321	245	943
Brooms, brushes, etc., and brushmakers' materials					609	508	272	969
Other merchandise					30,461	30,179	[2] 25,219	[2] 47,734
Bullion and specie:								
Uncoined gold and silver:								
Gold bar, dust, ingot, sheet, wire ounces..	277	299	(3)	(3)	10	11	(3)	(3)
Silver bar, ingot, sheet, etc..do....	6,402	12,010	(3)	(3)	4	6	(3)	(3)
Specie (face value)					1,264	123	1,352	596

[1] Figures are provisional.
[2] Includes bullion.
[3] Not available.
[4] Incomplete.
[5] Gas and oil engines, and spark plugs only.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Domestic exports, total, excluding bullion and specie					[2]256, 899	[2]221, 540	[2]313, 705	[2]408, 187
Meats, chilled or frozen:								
Beef — 1,000 lb	95, 396	101, 446	122, 899	137, 179	4, 947	6, 090	9, 174	12, 668
Pork — do	67, 147	58, 379	20, 555	18, 809	6, 882	6, 776	2, 599	3, 070
Lamb and mutton — do	407, 699	407, 543	563, 388	572, 415	43, 727	43, 849	54, 533	72, 700
Other — do	35, 780	34, 442	48, 728	50, 625	2, 749	2, 499	4, 300	6, 165
Meats, canned (except extracts) — do	7, 823	5, 761	23, 125	16, 007	1, 024	908	4, 953	3, 697
Sausage casings, animal origin — do	4, 244	4, 084	5, 412	4, 886	3, 018	2, 914	4, 494	4, 921
Tallow — do	58, 106	66, 333	55, 357	57, 624	2, 572	2, 059	1, 724	7, 628
Milk, dried, condensed — do	24, 714	20, 537	38, 008	44, 758	1, 447	1, 207	3, 866	5, 322
Butter — do	333, 322	292, 829	228, 018	285, 876	67, 421	64, 817	64, 014	92, 935
Cheese — do	184, 482	180, 379	169, 671	194, 978	21, 322	23, 286	27, 257	37, 454
Hides and skins, undressed:								
Cattle — thousands	506	516	392	473	2, 704	1, 827	3, 027	6, 443
Calf — do	1, 163	1, 247	660	757	1, 389	1, 088	1, 748	2, 958
Sheepskins, with wool — do	1, 744	1, 824	785	1, 416	2, 488	1, 563	831	2, 412
Sheepskins, without wool — do	10, 759	12, 354	14, 694	15, 624	6, 426	3, 810	7, 205	16, 971
Rabbit — do	12, 050	10, 268	15, 756	16, 654	2, 211	971	4, 682	3, 610
Peas, unprepared — 1,000 lb	14, 410	16, 604	31, 848	40, 950	420	493	2, 137	2, 882
Apples, fresh — do	36, 082	57, 643	12, 156	231	1, 795	2, 823	495	13
Seeds, grass and clover — do	6, 508	5, 094	16, 857	16, 555	818	916	6, 266	5, 361
Wool, raw — do	282, 339	271, 280	365, 370	375, 093	75, 692	47, 809	85, 798	102, 917
Parcel post					137	116	(3)	(3)
Other merchandise					7, 710	5, 719	24, 602	18, 060
Uncoined gold and silver, domestic exports:								
Gold — ounces	172, 317	152, 487	111, 531	98, 557	5, 697	5, 088	3, 822	3, 337
Silver — do	439, 554	370, 084	71, 517	109, 436	191	153	45	83
Reexports:								
Total, excluding bullion and specie					[2]1, 990	[2]2, 242	[2,4]3, 142	[2,4]5, 457
Uncoined gold and silver					16	17	(3)	(3)
Specie (face value), exports, including reexports					14	125	15	33

[1] Figures are provisional.
[2] Includes ships' stores.
[3] Not available.
[4] Includes bullion.

Principal Imports from the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
General imports from the United States, total, excluding bullion and specie	--------	--------	--------	--------	**27,631**	**26,896**	**[2] 38,047**	**[2] 75,187**
Sausage casings, animal origin...1,000 lb..	215	274	191	(3)	227	223	250	(3)
Hides and skins, undressed	--------	--------	--------	--------	174	224	(3)	(3)
Leather, unmanufactured, including belting	--------	--------	--------	--------	227	231	139	811
Fruit, fresh...1,000 lb..	3,467	4,195	(3)	(3)	245	225	(3)	(3)
Raisins...do....	2,597	2,091	--------	(4)	181	123	--------	(4)
Prunes, dried...do....	2,163	2,441	3,097	(4)	125	121	424	(4)
Sugar (including glucose, molasses and sirup)...1,000 lb..	752	4,878	1,598	6,958	42	176	96	525
Rosin...do....	1,690	2,241	1,692	(3)	60	62	141	(3)
Turpentine and turpentine substitute 1,000 gal..	414	462	872	(3)	116	92	182	(3)
Tobacco, unmanufactured...1,000 lb..	2,393	2,939	6,786	4,619	953	1,256	3,910	3,428
Cotton yarns...do....	--------	--------	362	511	--------	--------	220	535
Silk and artificial silk yarns...pounds..	521	531	(3)	69,934	(5)	(5)	(3)	123
Cotton, linen, and canvas piece goods (except tapestries, etc.)	--------	--------	--------	--------	79	65	522	3,463
Silk and artificial silk piece goods (including tapestries, etc., of cotton, silk, etc.)	--------	--------	--------	--------	29	54	376	3,709
Woolen piece goods...sq. yd..	(3)	18,935	(3)	93,477	11	14	(3)	113
Floor coverings	--------	--------	--------	--------	44	42	45	185
Apparel (except footwear) including umbrellas, minor articles of apparel, viz. buttons, fasteners, etc.	--------	--------	--------	--------	498	400	[6] 607	[6] 2,278
Timber, sawn (rough and dressed) M bd. ft..	2,779	3,297	2,380	[7] 3,639	154	215	151	[7] 412
Wooden handles for tools	--------	--------	--------	--------	80	64	91	(3)
Paper, not including made-up articles:								
Printing...1,000 lb..	1,754	1,762	61	7,571	122	123	9	1,131
Cardboard, wallboard, etc....do....	12,768	11,223	(3)	5,774	410	372	(3)	583
Other (including celluloid in sheets, rolls, etc.)	--------	--------	--------	--------	144	136	160	580
Petroleum, crude, fuel oils, etc..1,000 bbl..	107	214	500	355	147	277	1,026	1,043
Kerosene...do....	45	71	97	12	135	192	254	39
Gasoline...do....	824	848	697	991	2,453	2,071	1,906	3,543
Lubricating oil (mineral) except transformer in bulk...1,000 bbl..	84	60	99	172	1,155	831	1,504	2,984
Asphalt, bitumen and road oils.long tons..	5,402	5,551	9,443	(3)	108	100	241	(3)
Glass and glassware	--------	--------	--------	--------	112	113	102	191
Iron and steel plates and sheets.long tons..	284	832	17,276	13,051	32	73	2,008	[8] 1,905
Railway material and rolling stock	--------	--------	--------	--------	40	159	(3)	72
Mechanics' tools	--------	--------	--------	--------	356	325	410	848
Wire (except insulated) including netting	--------	--------	--------	--------	86	175	87	[6] 309
Cordage of metal (except precious)	--------	--------	--------	--------	4	3	214	23
Measuring and recording instruments (other than electric, gas, and water meters)	--------	--------	--------	--------	120	140	141	441
Machinery:								
Electrical machinery and apparatus:								
Motors and parts	--------	--------	--------	--------	209	293	(3)	(3)
Wireless apparatus	--------	--------	--------	--------	1,262	582	349	882
Other	--------	--------	--------	--------	778	720	764	4,736
Engines, turbines and parts (except locomotives)	--------	--------	--------	--------	250	301	[9] 1,051	[10] 1,391
Dredging and excavating	--------	--------	--------	--------	159	321	(3)	(3)
Road graders and parts	--------	--------	--------	--------	328	502	1,189	(3)
Metal, wood, glass, and stone-working	--------	--------	--------	--------	281	289	678	(3)
Sewing machines (domestic and industrial) and parts	--------	--------	--------	--------	285	139	158	(3)
Refrigerating (household)	--------	--------	--------	--------	262	516	(3)	(3)
Calculating, adding, accounting, bookkeeping, etc., machines number..	696	527	872	(3)	197	181	271	(3)
Printing machines	--------	--------	--------	--------	214	127	(3)	(3)
Dairy	--------	--------	--------	--------	39	56	36	145
Agricultural	--------	--------	--------	--------	526	504	600	1,103
Tractors and parts	--------	--------	--------	--------	2,507	2,744	4,152	[11] 2,536
Other	--------	--------	--------	--------	1,042	1,390	3,520	8,989
Ball and roller bearings	--------	--------	--------	--------	52	43	104	227
Passenger cars, trucks, busses, etc., and chassis...number..	6,402	3,873	419	1,835	3,882	2,582	525	2,249

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Parts for passenger cars, trucks, etc.					485	507	409	1,264
Aircraft and parts (except engines)					184	176	(3)	(3)
Rubber tires and tubes, including repair materials					169	151	129	1,058
Pigments, paints, and varnishes					143	142	89	487
Drugs, dyes, chemicals, and druggists' wares:								
Essential oils					15	17	250	(3)
Sulfur ... long tons	27,415	38,512	43,620	78,998	549	769	953	1,902
Other					481	557	693	(3)
Fertilizers ... long tons	817	2	101,005	24,829	30	(5)	1,395	393
Arms, ammunition, and explosives					155	83	420	(3)
Motion picture films ... 1,000 lin. ft.	14,600	11,652	(3)	6,379	939	951	478	498
Photographic goods (excluding motion picture cameras, projecting lanterns, etc.)					70	77	(3)	137
Surgeons', physicians', dentists', and opticians' instruments and materials					190	214	328	842
Musical instruments					65	62	(3)	191
Books, papers, and music, printed					300	353	571	846
Other merchandise					2,914	2,870	3,719	16,037
Uncoined gold and silver					4	4	(3)	(3)
Specie							(3)	(3)

[1] Figures are provisional.
[2] Includes bullion.
[3] Not available.
[4] Not available; imports of all dried fruits were 9,110 thousand pounds valued at 1,441 thousand dollars.
[5] Less than $500.
[6] Incomplete.
[7] Rough sawn only.
[8] Includes hoop.
[9] Gas and oil engines, and parts only.
[10] Gas and oil engines, complete only.
[11] Excluding parts.

Principal Exports to the United States

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1946[1]	1947[1]	1937	1938	1946[1]	1947[1]
Domestic exports to the United States, total, excluding bullion and specie					**18,940**	**5,511**	**[2] 31,244**	**[2] 26,277**
Sausage casings, animal origin ... 1,000 lb.	[3] 1,498	[3] 1,087	1,521	1,108	[3] 1,207	[3] 854	1,411	1,228
Butter ... do	225	312	6,315	3,685	46	69	1,963	1,153
Hides and skins, undressed:								
Cattle ... thousands	56	33	82	5	258	117	570	70
Calf ... do	595	555	101	139	715	484	306	592
Sheepskins, with wool ... do	478	178	351	255	742	202	374	453
Sheepskins, without wool ... do	7,650	6,801	8,891	6,206	4,632	1,886	4,269	7,135
Deer ... do	18	21	96	(4)	29	28	482	(4)
Rabbit ... do	[3] 8,403	7,858	10,893	12,589	[3] 1,587	798	2,821	2,505
Seeds, grass and clover ... 1,000 lb.	1,436	961	1,651	571	246	264	864	185
Wool, raw ... do	[3] 32,791	3,975	64,895	[5] 40,524	[3] 9,054	660	17,138	10,893
Parcel post					8	3	(4)	(4)
Other merchandise					416	146	1,046	2,063
Reexports, excluding bullion and specie					49	66	[2] 50	[2] 68

[1] Figures are provisional.
[2] 1946 and 1947 figures include exports of bullion if any; exports in 1937 and 1938 are negligible or nil.
[3] May include reexports.
[4] Not available.
[5] Converted to pounds from bales at estimated 320 pounds 1= bale.

FINANCE

Government Receipts and Expenditures (Thousands of New Zealand Pounds)
Fiscal years ending March 31.

Item	1946	1947	1948
Receipts, total	58, 506	108, 294	117, 116
Customs and excise	11, 109	19, 970	28, 795
Highways	2, 324	2, 972	3, 544
Income tax	26, 466	32, 085	36, 633
Stamp and death duties	2, 802	9, 550	9, 382
Sales tax	4, 055	15, 550	15, 946
Other taxes	1, 165	10, 588	1, 799
Interest on public moneys	5, 857	4, 714	5, 003
All other	4, 278	12, 865	16, 014
Expenditures, total	57, 252	103, 683	115, 330
Debt service	22, 796	22, 515	26, 612
Highways	2, 319	2, 956	219
National defense	----------	7, 107	9, 382
Police	731	1, 045	969
Agriculture	1, 067	1, 450	1, 610
Health	2, 692	3, 410	4, 719
Social Security	7, 000	18, 000	16, 000
Mental hospitals	864	1, 072	1, 243
Education	6, 461	7, 712	8, 883
Pensions	4, 173	4, 735	4, 688
All other	9, 149	33, 681	41, 005

Public debt.—The debt of the New Zealand Government totaled £598,875,430 on March 31, 1948, as compared with £634,751,761 on March 31, 1947, and £290,201,342 on March 31, 1938.

Commercial failures.—Number of bankruptcies, 1937 to 1946, consecutively: 222, 267, 267, 213, 165, 82, 45, 51, 45, 52.

Currency and exchange.—Unit of currency, New Zealand pound. As of August 19, 1948, the New Zealand pound was raised to parity with pound sterling. The official buying rate as of August 19, 1948, was US$4.0306 to £ and the official selling rate US$3.9726 to £. Previously, it took approximately £125, New Zealand currency, to purchase £100 sterling. Note circulation, October 13, 1948, £48,509,000 (October 29, 1947, £47,725,000); gold reserve, October 13, 1948, £2,802,000.

Average Exchange Rates of the New Zealand Pound
[Averages of noon buying rates for cable transfers, New York on New Zealand]

Year	Rate	Year	Rate	Month	1948	Month	1948
1938	$3. 9235	1943	$3. 2420	January	$3. 2245	July	$3. 2251
1939	3. 5482	1944	3. 2442	February	3. 2249	August	3. 5387
1940	3. 0638	1945	3. 2346	March	3. 2250	September	3. 9915
1941	3. 2254	1946	3. 2263	April	3. 2251	October	3. 9915
1942	3. 2278	1947	3. 2229	May	3. 2249	November	3. 9915
		1948	3. 5048	June	3. 2250	December	3. 9915

PRINCIPAL SOURCES

New Zealand Monthly Abstract of Statistics.

Statistical Report on the Factory and Building Production of the Dominion of New Zealand.

Statistical Report on the Agricultural and Pastoral Production of the Dominion of New Zealand.

New Zealand Official Year-Book.

Statistical Report on Trade and Shipping of the Dominion of New Zealand

New Zealand—Trade and Shipping Statistics.

AFRICA (EXCLUDING MEDITERRANEAN AFRICA)

UNION OF SOUTH AFRICA, SOUTH WEST AFRICA, SOUTHERN RHODESIA, AND NORTHERN RHODESIA

(See general explanatory note, p. vi)

UNION OF SOUTH AFRICA

(Values expressed in pounds (£) refer to South African pounds unless otherwise stated)

AREA AND POPULATION

Area (square miles): Union of South Africa, 1946 resurvey, 472,494 (including the detached Walvis Bay area of Cape Province, 374); component Provinces, Cape of Good Hope (including Walvis Bay), 277,113; Transvaal, 110,450; Natal, 35,284; Orange Free State, 49,647.

Population by Race and Province, 1946
(Preliminary Census)

Race	Union of South Africa		Provinces			
	Total	Percent increase 1946 over 1936	Transvaal	Cape	Natal	Orange Free State
Total	**11,391,949**	**18.8**	**4,271,631**	**4,045,805**	**2,197,879**	**876,634**
Europeans	2,372,690	18.4	1,063,121	870,795	236,697	202,077
Asiatics	285,260	29.8	37,758	15,174	232,317	11
Colored	928,484	20.6	59,986	829,550	24,895	14,053
Natives[1]	7,805,515	18.3	3,110,766	2,330,286	1,703,970	660,493

[1] Provisional figures subject to revision.

Population of Principal Urban Centers (Including suburbs), 1946
(Preliminary Census)

Urban center	All races		Europeans	Non-Europeans
	Total	Percent increase 1946 over 1936		
Witwatersrand (including Johannesburg)	1,435,093	41.1	547,836	887,257
Johannesburg	762,910	46.9	332,026	430,884
Cape Town	470,930	36.8	220,398	250,532
Pretoria	244,496	90.1	130,810	113,686
Durban	371,749	43.2	130,143	241,606
Port Elizabeth	147,544	34.3	65,271	82,273
Germiston	131,197	65.2	52,609	78,588
East London	79,117	30.6	40,118	38,999
Bloemfontein	83,296	29.7	38,262	45,034
Pietermaritzburg	63,546	28.3	27,751	35,795
Kimberley	55,836	38.8	19,067	36,769

Education, 1945 (1939 data in parentheses).—Number of students attending public and private schools (excluding universities and technical colleges): Total, 1,305,442 (1,012,726), of which Europeans, 446,864 (391,333), natives, 638,115, Asiatics and colored, 220,463 (natives, Asiatics, and colored, 621,393). University students (full and part time): South African universities, 14,222 (10,505); technical colleges, 42,134 (14,877).

AGRICULTURE

Area under cultivation, August 31, 1946 (thousands of acres): Farms, 219,037; vineyards, 129; orchards, 194; timber and wattle plantations, 1,518.

Agricultural machinery and equipment, selected items, number in use, August 31, 1946: Plows, 629,570; harrows, 202,834; cultivators, 273,560; wagons, etc., animal drawn, 131,109; cream separators, 73,310; windmills, 101,330; threshing machines, power driven, 4,949; tractors, 20,292.

Livestock and Poultry (Thousands)

Kind	1937	1938	1939	1943[1]	1946[1]
Cattle	11,395	11,614	12,060	13,068	12,593
Sheep and lambs:					
Total	41,150	39,118	38,406	37,888	30,832
Wooled	35,900	32,861	32,056	30,211	24,331
Nonwooled	5,250	6,257	6,350	7,677	6,501
Goats and kids:					
Total	6,178	6,213	6,140	6,151	5,189
Angora	701	636	718	740	601
Other	5,477	5,577	5,422	5,411	4,588
Pigs	1,037	948	965	1,174	1,118
Horses	778	(2)	(2)	(2)	687
Mules	137	(2)	(2)	(2)	105
Donkeys	863	(2)	(2)	(2)	799
Ostriches	40	(2)	(2)	(2)	41
Poultry	14,822	(2)	(2)	(2)	14,539

[1] Number on farms only, no data available on number in towns.
[2] Not enumerated in 1938, 1939, and 1943.

Production of Principal Animal Products

Product	1938–39	1939–40	1940–41	1941–42	1942–43	1943–44	1944–45	1945–46	1946–47
Wool million lb	248	246	270	260	260	250	234	210	195
Mohair[1] (sold and exported) 1,000 lb	(2)	(2)	5,336	7,057	8,289	12,491	14,744	(2)	(2)
Hides and skins:									
Cattle, including calf thousands	534	596	683	738	720	[3] 320	(2)	(2)	(2)
Sheep, lamb, and goat do	2,501	2,757	3,245	3,426	2,983	[3] 1,286	(2)	(2)	(2)
Bacon and ham (factory production) 1,000 lb	9,495	11,166	(2)	19,365	20,611	18,747	18,139	15,577	[4] 14,111
Cheese (factory production) 1,000 lb	[5] 15,024	[5] 14,168	[5] 13,787	[5] 16,314	[5] 16,416	15,483	16,405	14,541	15,587
Butter (creamery production) 1,000 lb	36,962	44,813	44,862	40,373	42,280	42,742	39,047	33,816	34,019

[1] Data from Department of Agriculture, Union of South Africa.
[2] Data not available.
[3] January to June.
[4] Calendar year.
[5] Factory and processing.

Production of Principal Crops

Crop	1938–39	1939–40	1940–41	1941–42	1942–43	1943–44	1944–45	1945–46	1946–47	1947–48
Wheat[1] ....1,000 bu..	16, 623	14, 477	15, 416	13, 010	20, 527	17, 786	11, 247	10, 145	15, 322	17, 333
Barley ....do....	2, 077	1, 441	1, 653	1, 906	1, 643	2, 000	2, 528	1, 440	1, 910	2, 200
Oats ....do....	7, 354	5, 855	5, 869	5, 766	6, 405	7, 617	10, 535	5, 308	8, 234	12, 155
Rye[1] ....do....	841	789	718	668	802	925	1, 039	564	1, 349	1, 604
Corn ....do....	103, 642	74, 129	86, 871	58, 361	82, 357	65, 614	65, 354	63, 564	87, 410	111, 357
Kaffir corn ....do....	7, 469	5, 990	7, 439	5, 663	7, 469	15, 031	6, 367	4, 073	6, 668	(2)
Potatoes ....do....	7, 232	5, 665	6, 305	6, 065	7, 352	5, 388	6, 152	7, 750	10, 668	10, 675
Peanuts, unshelled 1,000 short tons..	15	11	9	6	13	14	5	13	32	70
Cane sugar ....do....	523	596	573	452	525	585	614	553	475	512
Deciduous fruits:										
Apples ....1,000 bu..	1, 200	1, 560	1, 248	1, 500	1, 000	1, 000	875	900	1, 000	1, 000
Peaches ....do....	572	352	484	187	333	461	520	429	615	385
Pears ....do....	800	900	630	762	672	553	760	400	735	720
Grapes..short tons..	(2)	(2)	(2)	39, 000	(2)	49, 500	37, 000	46, 000	38, 901	37, 616
Plums ....do....	9, 700	10, 600	9, 000	9, 500	7, 000	9, 250	9, 000	10, 000	12, 000	13, 000
Citrus fruits:										
Oranges 1,000 boxes..	[3] 5, 000	4, 450	5, 835	5, 990	6, 079	6, 860	4, 827	4, 505	5, 270	4, 700
Grapefruit ....do....	[3] 700	628	823	846	858	968	681	636	744	670
Lemons ....do....	[3] 150	157	206	211	215	242	170	106	124	112
Dried fruits:										
Vine fruits (raisins and currants) short tons..	11, 200	12, 000	10, 700	13, 700	13, 400	13, 300	12, 600	13, 500	10, 500	(2)
Tree fruits ....do....	1, 978	4, 039	1, 782	4, 819	4, 482	4, 677	4, 132	3, 207	3, 967	(2)
Wine[4] ....1,000 gal..	44, 098	49, 527	(2)	(2)	66, 956	77, 437	71, 350	69, 282	66, 038	(2)
Cotton Bales of 500 lb. each..	625	1, 725	1, 554	715	467	530	270	272	890	2, 500
Tobacco ....1,000 lb..	23, 939	36, 071	22, 448	27, 890	32, 203	24, 583	32, 594	29, 657	39, 526	50, 521
Wattle bark extract (exports)[5] 1,000 long tons..	29	41	59	52	73	63	59	66	66	(2)

[1] European cultivation only.
[2] Data not available.
[3] Estimated.
[4] Total vintage according to farmers returns.
[5] Calendar years.

MINING AND MANUFACTURING

Output of Leading Minerals and Metals

Product	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Gold ....1,000 fine oz..	12, 161	12, 822	14, 047	14, 408	14, 127	12, 804	12, 280	12, 225	11, 927	11, 200
Diamonds (including industrial) 1,000 metric carats..	1, 239	1, 250	543	158	119	302	934	1, 223	1, 349	1, 242
Andalusite ....short tons..	------	2, 090	446	4, 578	3, 490	2, 690	1, 820	439	6, 137	7, 328
Antimony ....do....	24	15	308	994	2, 300	3, 376	4, 851	4, 708	4, 422	6, 408
Asbestos ....1,000 short tons..	22	23	23	23	32	38	31	24	24	36
Chrome ore ....do....	129	184	117	227	293	109	61	198	275	334
Coal (sold) ....do....	17, 536	18, 166	18, 934	20, 213	22, 102	22, 287	24, 907	25, 466	25, 634	25, 415
Copper[1] ....do....	15	16	19	25	28	28	25	30	30	35
Corundum ....do....	2	3	4	7	7	5	4	5	2	3
Fluorspar ....do....	5	11	7	5	4	5	5	4	4	5
Iron ore ....do....	557	540	693	886	796	812	843	955	1, 041	1, 281
Pyrites ....do....	34	33	40	39	45	41	40	43	42	38
Magnesite ....do....	3	4	9	14	17	15	6	8	8	9
Manganese ore[1] ....do....	423	388	313	353	241	118	37	177	378	411
Mercury ....1,000 lb..	------	------	3	16	43	69	52	114	67	------
Mica ....short tons..	907	1, 244	950	911	875	636	379	518	1, 565	2, 412
Mineral pigments 1,000 short tons..	6	7	9	5	7	7	6	7	7	11
Platinum[1] ....ounces..	38, 862	47, 912	52, 082	56, 908	59, 166	56, 687	71, 465	58, 543	55, 490	56, 288
Silver ....1,000 fine oz..	1, 135	1, 183	1, 292	1, 483	1, 478	1, 334	1, 213	1, 243	1, 207	1, 148
Tin[1] ....short tons..	1, 156	809	1, 012	866	609	515	544	544	513	531
Tungsten ore ....do....	111	63	113	127	359	349	206	966	149	93
Vermiculite ....do....	12	81	272	220	454	389	648	1, 411	2, 236	9, 715

[1] Sales and shipments.

Industrial Development—All Classes of Industry

Year	Establishments (number)	Value of land and buildings (£1,000)	Employees		Salaries and wages		Gross value of output (£1,000)
			Europeans (number)	Non-Europeans (number)	Europeans (£1,000)	Non-Europeans (£1,000)	
1937–38	10,224	44,238	143,760	204,760	33,768	11,002	187,486
1938–39	10,256	47,036	144,838	207,662	34,685	11,394	199,617
1939–40	10,034	49,019	143,532	216,924	35,546	12,197	216,700
1940–41	10,059	51,392	147,251	243,037	38,430	14,564	246,575
1941–42	9,989	55,218	149,113	264,379	44,111	18,784	272,876
1942–43	9,965	57,835	148,248	278,263	47,755	22,877	289,241
1943–44	10,684	63,001	154,790	296,386	52,654	27,428	330,557
1944–45	10,877	69,992	165,519	323,142	60,431	33,773	375,344
1945–46	11,351	76,917	178,543	341,128	67,951	37,504	418,038

Industrial Production: Gross Value of Output of Private Industries [1] by Class of Industry
(Thousands of South African Pounds)

Class of industry	1938–39	1939–40	1940–41	1941–42	1942–43	1943–44	1944–45 (preliminary)	1945–46 (preliminary)
Total, all industries	**172,774**	**193,605**	**223,374**	**247,288**	**262,510**	**300,734**	**341,165**	**378,682**
Treatment of raw materials (agricultural and pastoral products, except tanning)	1,584	1,927	1,645	1,952	2,429	3,500	5,112	6,291
Stone, clay, earthenware and glass processing[2]	7,364	7,088	7,235	8,278	9,002	9,999	11,712	13,196
Woodworking[3]	4,292	5,014	6,107	7,401	8,839	9,675	10,538	11,607
Metal engineering, machinery and cutlery works[4]	30,629	34,834	42,782	46,614	48,330	54,481	63,300	67,343
Food, drink, condiments and tobacco processing[5]	47,778	51,562	59,793	67,967	76,460	86,113	94,391	97,973
Clothing (except boots and shoes) textile fabrics, etc.	11,327	13,115	16,286	19,497	22,877	27,745	31,988	38,251
Books, paper, printing and engraving	8,051	8,907	10,391	10,337	9,312	10,829	12,850	16,671
Vehicles (mechanically propelled and otherwise), fittings and parts[6]	9,994	13,675	13,390	9,774	5,879	7,511	9,125	13,832
Ship and boat building and repairing	80	117	254	599	743	968	1,232	869
Furniture, bedding and upholstery	3,758	3,752	4,559	5,416	6,204	7,242	8,214	10,598
Drugs, chemicals (including fertilizers), paints, varnishes, etc.	12,017	15,489	18,805	21,585	23,759	28,623	31,421	31,504
Surgical, dental and other scientific instruments and apparatus	75	78	118	137	171	206	240	249
Jewelry, timepieces and plated ware[7]	1,048	1,273	1,901	2,354	2,984	3,281	3,731	4,586
Heat, light and power	10,032	11,332	12,560	13,774	14,252	14,969	15,729	16,190
Leather and leatherware	5,861	6,851	8,426	11,414	13,528	15,391	17,016	18,781
Building and contracting	15,682	14,282	14,537	15,810	12,562	13,150	15,895	20,989
Other industries[8]	3,206	4,309	4,586	4,378	5,179	7,050	8,669	9,752

[1] Includes all establishments except Government and local government undertakings and railway workshops
[2] Chiefly brick, tiles and cement.
[3] Chiefly sawmills, carpentry, joinery.
[4] Chiefly iron and steel foundries, engineering and mine workshops.
[5] Chiefly grain mills, bakeries, sugar mills, breweries, distilleries, and tobacco processing.
[6] Chiefly cycles and motors.
[7] Chiefly diamond cutting.
[8] Chiefly rubber goods.
NOTE.—Rounded figures not forced to add.

Electric energy, public and private establishments, 1945–46, with 1937–38 data in parentheses (millions of kilowatt-hours): Total generated, 8,557 (5,933); total consumed, 7,338 (4,898). Distribution of consumption: Private lighting and domestic supply, 1,017 (553); private motive power and industrial supply, 1,419 (746); mining, 3,796 (2,873); railway traction, 458 (309).

Gas and products, 1945, with 1939 data in parentheses: Gas from coal (million cubic feet), 5,832 (3,305); coke (1,000 short tons), 730 (405); tar, (1,000 gallons), 5,191 (2,464); value of all products, including items not specified (£1,000), 5,191 (2,464).

General Index of Employment[1]
(1935 = 100)

Yearly average	Europeans	Other	Total
1938	123.0	124.5	124.1
1939	125.1	125.3	125.2
1940	126.2	133.7	131.7
1941	130.6	142.3	139.1
1942	132.7	145.8	142.3
1943	133.5	138.6	137.2
1944	134.6	139.9	138.5
1945	137.7	145.5	143.4
1946[2]	146.4	146.9	146.8
1947[2]	149.1	149.7	149.5

[1] Including secondary industry, transportation, and mining, but excluding alluvial diamond diggings.
[2] December index.

Price Indexes
(1938 = 100)

Year	Wholesale			Retail[1]	
	All goods	Union goods	Imported goods	Food only	All items (food, fuel, light, rent, and sundries)
1939	97.6	96.2	100.0	99.3	99.9
1940	108.4	100.7	121.3	102.5	103.4
1941	119.1	107.7	137.9	109.9	108.2
1942	133.6	122.2	152.6	121.1	117.3
1943	145.3	133.7	164.3	131.6	124.4
1944	150.4	139.3	168.8	137.4	128.8
1945	152.6	143.6	167.3	140.6	132.2
1946	156.2	150.7	165.4	144.1	134.1
1947	163.8	155.6	177.4	152.0	139.7

[1] Weighted average of the nine principal urban areas.

TRANSPORTATION AND COMMUNICATION

Public transportation facilities are government owned and operated. Railways, airways, harbors, and most of the highway transport services (including freight and passenger feeder highway transport service in rural areas, covering 23,250 miles, including South West Africa, in 1947) are operated by the South African Railways and Harbours Administration.

Highways.—1948 unofficial estimates, in miles: Total improved roads, 90,000, of which asphalt on bitumen surfaced, 2,000, crushed gravel, 34,000, and earth roads, 54,000.

Statistics of Railways
[Years ending March 31 of years specified]

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Length of line[1] ... miles	13,626	13,647	13,577	13,580	13,580	13,582	13,481	13,481	13,483	13,505
Locomotives[2] ... number	2,205	2,413	2,456	2,427	2,421	2,396	2,390	2,418	2,485	2,542
Passenger cars[3] ... do	4,443	4,596	4,746	4,840	4,914	4,964	4,982	4,989	4,982	4,996
Freight cars ... do	48,356	51,699	53,236	53,889	54,810	55,634	58,310	60,635	62,230	64,602
Train-miles, total ... thousands	60,397	59,829	62,308	64,598	67,449	67,477	68,646	70,226	71,922	75,727
Passengers carried ... do	105,476	113,703	120,282	126,308	147,286	180,445	202,349	218,823	233,924	240,841
Freight carried[4] ... 1,000 short tons	35,865	35,504	38,458	39,229	39,979	41,833	43,981	47,748	47,569	49,198
Gross receipts[5] ... £1,000	33,389	32,600	33,798	36,445	40,261	41,445	44,053	48,769	53,188	60,810
Passenger service ... do	5,750	5,920	6,065	6,999	8,499	10,750	12,218	13,763	14,767	13,683
Freight service ... do	26,766	25,748	26,744	28,366	30,517	29,441	30,428	33,594	36,845	45,249

[1] Open lines operated by South African Railways and Harbours Administration, includes railways in South West Africa (1,463 miles) and private railways.
[2] Including locomotives for 3-foot 6 inch gage, 2-foot gage railways, and electric and Diesel locomotives.
[3] Including electric coaches and rail cars for all gages.
[4] Including revenue and nonrevenue tonnage.
[5] Including miscellaneous receipts not shown separately.

Air Line Services of Union of South Africa

Item		1945-46	1946-47
Flights	number	6,083	10,679
Aircraft miles	thousands	1,937	3,333
Hours flown	do	11	19
Passengers carried	do	40	79
Passenger mileage	do	18,995	41,129
Revenue earned, total	£1,000	594	1,790
Passengers	do	570	1,232
Mails	do	9	422
Other	do	15	136

Shipping Statistics

Item	1940	1941	1942	1943	1944	1945
Vessels entered:[1]						
Number, total	6,598	6,242	6,002	3,116	2,295	2,228
Tons, total, thousands	25,504	22,090	23,894	11,087	6,886	7,541
Steam-coastwise:						
Number	3,310	2,845	2,017	1,339	1,162	1,095
Tons, thousands	12,591	8,597	6,602	3,246	2,546	2,915
Steam-overseas:						
Number	3,012	3,154	3,858	1,740	1,094	1,095
Tons, thousands	12,910	13,487	17,285	7,831	4,331	4,617
Sailing:						
Number	276	243	127	37	39	38
Tons, thousands	4	6	7	10	8	9
Traffic harbors:[2]						
Passengers:						
Landed, number	59,706	25,000	16,891	12,230	7,939	7,684
Embarked, do	41,917	12,983	8,117	8,431	7,509	10,606
Livestock:						
Landed, do	1,980	914	4	26	26	----------
Embarked, do	130	217	172	1,734	8,483	19,842
Cargo, total, 1,000 short tons	10,392	11,653	10,676	10,181	8,004	7,584
Landed, do	5,172	5,540	4,987	4,662	3,656	3,162
Shipped, do	5,099	5,915	5,379	5,236	4,102	4,214
Transshipped, do	121	198	310	283	246	208

[1] Includes motor vessels.
[2] Includes Walvis Bay and Luderitz, South West Africa.
NOTE.—Rounded figures not forced to add.

Postal, Telegraph, Telephone and Radio Statistics

Item	1941	1942	1943	1944	1945
Postal service:					
Number of post offices	3,409	3,409	[1] 3,379	3,388	3,390
Money orders issued:					
Number, thousands	835	895	959	1,017	1,072
Value, £1,000	3,730	4,064	4,665	5,111	5,392
Revenue, total, do	2,543	3,146	3,145	3,593	4,056
Telegraphs:					
Length of wire, miles	19,023	18,859	17,189	19,145	19,127
Number of messages[2]	7,698	8,834	8,879	9,558	9,513
Cash revenue, £1,000	672	770	798	950	865
Telephones:					
Number of exchanges	1,618	1,641	1,649	1,647	1,680
Number of instruments	214,885	226,264	232,950	240,801	249,785
Number of telephones per 100 European population	9.8	[3] 10.1	[3] 10.2	[3] 10.4	[3] 10.7
Cash revenue, £1,000	3,031	3,390	3,611	4,256	4,556
Radios:					
Number of receiving sets licensed	331,051	347,497	352,654	363,631	373,411

[1] As of 1943, Bechuanaland Protectorate offices excluded.
[2] All classes, including radiotelegrams and overseas telegrams, but excluding railway service messages.
[3] Calculated on estimated population.

FOREIGN TRADE

Per capita trade.—1946: General imports, $76.30; exports including reexports, $32.70.

Basis of trade statistics.—Customs area includes Union of South Africa, Basutoland, Bechuanaland, and Swaziland but excludes South West Africa. Import values f. o. b.; exports f. o. b. Domestic exports represent the produce or manufacture of the Union of South Africa, South West Africa, and the Zambesi Basin of Northern Rhodesia. Country of origin for imports, country of destination for exports, as far as can be ascertained. Transit trade is excluded.

Government imports are direct imports; goods originally warehoused on private account and subsequently purchased by the Government ex bond are distributed by appropriate articles and countries in tables that follow.

Parcel-post imports are distributed by appropriate commodities and countries; exports by parcel post, except diamonds, ostrich feathers, and precious metals, are shown only by total value.

"Overseas" refers to all countries other than South West Africa and Northern Rhodesia; trade with those two countries is shown as "Overland" trade.

All figures relating to gold bullion ("gold bullion" and gold bar, but not gold ore and con-concentrates) have been withheld from publication beginning 1939. When recorded, the value of gold bullion is the price ruling on the day of import or export. During 1938 the practice of earmarking gold bullion was adopted; gold so earmarked for account of commercial banks and firms is not included in the following tables except as a footnote.

Value figures have been converted from South African pounds to United States dollars at the following rates: 1935, $4.8466; 1936, $4.9165; 1937, $4.8962; 1938, $4.8416; 1939 $4.4017; 1940, $3.9799; 1941–44, $3.9800; 1945, $3.9905; and 1946, $4.0050.

Rounded subtotals not forced to add to rounded totals.

Value of Imports and Exports

Year	Merchandise				Bullion and specie			
	Thousands of South African pounds		Thousands of dollars		Thousands of South African pounds			
					Bullion[2]		Specie[3]	
	General imports	Exports including reexports[1]	General imports	Exports including reexports[1]	Imports	Exports	Imports	Exports
1935	75, 133	29, 487	364, 138	142, 910	157	71, 541	36	170
1936	86, 214	29, 561	423, 872	145, 337	68	81, 959	17	1, 303
1937	103, 241	40, 981	505, 490	200, 650	126	82, 930	14	66
1938	95, 594	30, 766	462, 830	148, 958	264	[4] 48, 207	23	2, 768
1939	91, 321	32, 272	401, 966	142, 053	[5] 1	[6] 206	[7] 20	[7] 33
1940	[8] 105, 025	[9] 38, 257	[8] 417, 988	[9] 152, 261	[5 10] 22	[6 11] 379	([12])	([12])
1941	[8] 121, 632	[9] 42, 465	[8] 484, 097	[9] 169, 010	[5 10] 25	[6 11] 261	([12])	([12])
1942	116, 325	[9] 47, 398	462, 975	[9] 188, 643	[5] 312	[6 11] 178	66	([12])
1943	106, 802	[9] 46, 592	425, 074	[9] 185, 438	[5] 448	[6 11] 57	46	([12])
1944	102, 629	73, 218	408, 463	291, 407	[5] 16	[6] 53	54	54
1945	112, 343	74, 180	448, 303	296, 015	[5] 19	[6] 40	23	71
1946[13]	[14] 214, 447	[15] 91, 970	[14] 858, 862	[15] 368, 340	([16])	[6 17] 103	33	22

[1] Figures include parcel post; exclude ships' stores.
[2] For items included; see commodity tables.
[3] Face value.
[4] Not including gold earmarked for account of other banks and firms valued at 20, 715 thousand South African pounds.
[5] Silver bullion only; statistics on gold bullion withheld from publication.
[6] Excludes gold bar.
[7] Excludes gold specie.
[8] Includes government imports from "Overseas" of silver bullion; excludes imports "Overland" of government stores.
[9] Includes exports "Overland" of gold ore and concentrates, silver bar and concentrates; excludes exports "Overland" of wool, railway and government stores.
[10] Excludes government imports and imports "Overland".
[11] Excludes exports "Overland".
[12] Withheld from publication.
[13] Figures are provisional.
[14] Includes silver bullion.
[15] Includes silver concentrates, if any, and exports "Overland" of silver bar, gold ore and concentrates.
[16] Not available.
[17] Excludes silver concentrates and exports "Overland".

NOTE.—Merchandise figures are fairly comparable throughout, since an attempt has been made to eliminate from the total trade figures all gold, silver and specie, with a few minor exceptions, indicated above, adjustments for which were not possible because of incomplete data for 1946 and wartime restrictions on publication of data. Prewar figures for exports of bullion are not at all comparable with later figures since gold bar, the most significant item, has been omitted from the official trade statistics beginning 1939. Based on periods for which information is available, it is highly probable that inclusions and/or omissions of other gold or silver are relatively unimportant.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports[1]				Exports, including reexports[2]			
	1937	1938	1945	1946[3]	1937	1938	1945	1946[3]
Total, excluding bullion and specie	**475, 999**	**416, 979**	**406, 147**	**[4] 804, 899**	**199, 904**	**148, 233**	**292, 234**	**[5] 339, 444**
United States	97, 820	80, 066	111, 399	215, 929	6, 511	3, 601	40, 775	68, 865
Argentina	1, 704	1, 862	13, 920	40, 203	180	17	2, 351	3, 635
Australia	1, 889	3, 470	3, 192	8, 416	525	552	3, 065	2, 361
Belgian Congo	1, 207	1, 256	8, 866	14, 674	543	390	3, 987	3, 670
Belgium	12, 902	8, 838	1	6, 632	11, 457	7, 677	2, 905	24, 541
Brazil	1, 516	1, 410	18, 354	19, 785	47	79	2, 566	2, 990
Canada	16, 746	14, 580	22, 722	60, 313	6, 607	1, 880	1, 891	2, 849
Egypt	30	132	924	1, 328	51	24	23, 197	11, 956
France	4, 042	4, 517	38	4, 719	12, 109	10, 351	724	13, 682
Germany	26, 024	[6] 24, 326	9	43	24, 473	[6] 24, 754	4	782
India	[7] 9, 492	7, 464	27, 459	19, 263	[7] 1, 549	1, 031	42, 944	5, 569
Iran	6, 557	6, 723	10, 405	13, 055	([8])	4	531	110
Italy	5, 679	5, 495	3	19, 677	4, 186	4, 973	8, 208	34, 415
Japan	18, 944	13, 486	12	([9])	16, 211	1, 997	--------	([9])
Portuguese East Africa	630	603	6, 229	8, 261	2, 186	2, 576	3, 446	3, 672
Southern Rhodesia	2, 721	2, 056	4, 569	7, 771	10, 001	10, 698	17, 090	21, 494
Spain	389	262	211	326	([8])	([8])	9, 727	563
Sweden	9, 199	7, 419	3, 282	16, 882	939	908	796	4, 162
Switzerland	2, 461	2, 764	2, 199	14, 511	191	101	1, 076	2, 977
United Kingdom	200, 085	180, 282	126, 406	261, 244	74, 869	54, 359	68, 885	67, 891
Overland	4, 859	5, 004	15, 017	17, 657	13, 022	13, 317	26, 614	24, 407
Other countries	51, 103	44, 964	30, 930	54, 210	14, 247	8, 944	31, 452	38, 853
Percent of total:								
United States	20. 6	19. 2	27. 4	26. 8	3. 3	2. 4	14. 0	20. 3
Argentina	. 4	. 4	3. 4	5. 0	. 1	([10])	. 8	1. 1
Canada	3. 5	3. 5	5. 6	7. 5	3. 3	1. 3	. 6	. 8
United Kingdom	42. 0	43. 2	31. 1	32. 5	37. 5	36. 7	23. 6	20. 0
Overland	1. 0	1. 2	3. 7	2. 2	6. 5	9. 0	9. 1	7. 2

[1] Excluding government stores.
[2] Excluding parcel post (Overseas) and ships' stores.
[3] Figures are provisional.
[4] Includes silver bullion.
[5] Domestic exports including gold ore and concentrates, silver bar and concentrates.
[6] Includes Austria beginning April 1.
[7] Includes Burma.
[8] Less than $500.
[9] Not available.
[10] Less than 0.05 percent.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946[1]	1937	1938	1945	1946[1]
General imports, total (excluding bullion and specie)	----------	----------	----------	----------	**505, 490**	**462, 830**	**448, 303**	**[2]858, 862**
Overseas (excluding government stores)	----------	----------	----------	----------	471, 140	411, 975	391, 130	[2]787, 242
Meats and meat products (including soups) ------ 1,000 lb--	8, 959	10, 143	15, 015	14, 963	1, 270	1, 354	2, 768	3, 319
Milk and cream, condensed or dried ------ 1,000 lb--	6, 680	3, 609	6, 890	[3] 2, 022	696	413	1, 444	[3] 589
Fish ------ do----	17, 208	15, 576	2, 017	[4] 5, 434	2, 386	2, 174	665	[4] 1, 968
Leather, unmanufactured 1,000 lb--	2, 340	1, 903	3, 902	4, 829	3, 712	2, 746	9, 209	11, 008
Corn ------ 1,000 bu--	6	22	2, 537	([5])	5	18	2, 483	([5])
Rice ------ 1,000 lb--	140, 661	130, 853	55, 621	31, 215	2, 423	2, 135	2, 887	1, 956
Wheat ------ 1,000 bu--	18	2, 618	3, 800	7, 021	28	2, 226	5, 054	11, 084
Wheat flour and meal --- cwt--	8, 916	11, 461	179, 789	1, 866, 431	31	36	690	6, 916
Feed for animals --- long tons--	3, 328	4, 102	31, 608	54, 477	170	226	1, 710	4, 305
Beans and peas, dried 1,000 lb--	9, 274	15, 924	31, 731	([5])	245	359	1, 707	([5])
Tea ------ do----	15, 513	15, 904	18, 024	12, 026	4, 299	4, 197	4, 230	4, 359
Coffee, raw ------ do----	30, 081	37, 203	67, 043	52, 416	2, 390	1, 911	7, 477	5, 721
Beverages:								
Whisky ------ 1,000 gal--	393	432	147	390	2, 063	2, 239	778	1, 784
Other ------	----------	----------	----------	----------	895	886	235	2, 284
Rubber, unmanufactured 1,000 lb--	13, 901	12, 429	28, 218	29, 582	2, 674	1, 717	8, 973	7, 528
Rubber tires and tubes do----	6, 322	5, 031	184	1, 466	1, 616	1, 321	54	569
Oilseeds, nuts, and kernels for oil ------ 1,000 lb--	[6] 55, 890	[6] 71, 298	138, 249	91, 222	[6] 1, 426	[6] 1, 468	5, 508	4, 079
Vegetable oils, except essential:								
Palm and palm kernel 1,000 gal--	3, 038	4, 771	4, 900	5, 382	1, 170	1, 164	2, 363	3, 677
Other ------	----------	----------	----------	----------	1, 561	1, 271	1, 507	[7] 731
Essential and perfumed oils (not toilet preparations) ----	----------	----------	----------	----------	315	308	1, 299	([5])
Tobacco, unmanufactured 1,000 lb--	3, 213	2, 702	1, 870	4, 889	1, 095	918	1, 012	2, 993
Tobacco, manufactured 1,000 lb--	278	298	273	1, 050	594	622	608	2, 514
Textile fibers and manufactures:								
Cotton yarn (except sewing, knitting, embroidery and crochet) 1,000 lb--	7, 776	7, 462	8, 315	7, 662	1, 161	1, 008	2, 925	3, 254
Sewing and knitting cotton ------	----------	----------	----------	----------	1, 601	1, 290	2, 182	2, 121
Cotton piece goods 1,000 yd--	220, 145	182, 157	172, 598	155, 852	21, 897	17, 671	43, 787	46, 325
Canvas piece goods ------	----------	----------	----------	----------	1, 721	1, 617	1, 736	4, 427
Jute bags ----- thousands--	46, 991	36, 206	33, 612	19, 800	4, 196	3, 077	6, 088	3, 956
Knitting and darning wool 1,000 lb--	([5])	([5])	2, 382	2, 982	1, 194	1, 084	4, 275	5, 174
Woolen piece goods ------	----------	----------	----------	----------	11, 145	8, 885	14, 302	20, 795
Silk piece goods ------	----------	----------	----------	----------	1, 687	1, 105	153	[8] 622
Rayon piece goods ------	----------	----------	----------	----------	6, 101	4, 554	16, 232	[8] 27, 831
Outer garments ------	----------	----------	----------	----------	15, 785	14, 693	12, 156	33, 458
Socks and stockings ------	----------	----------	----------	----------	4, 455	4, 719	7, 086	11, 885
Underclothing ------	----------	----------	----------	----------	4, 286	3, 612	4, 768	10, 910
Hats and caps ----- dozen--	492, 035	395, 345	101, 586	344, 233	2, 768	2, 107	1, 797	4, 890
Blankets, blanketing, lap-robes, and kaffir sheets and sheeting ------	----------	----------	----------	----------	2, 248	1, 884	1, 498	[9] 5, 765
Floor coverings ------	----------	----------	----------	----------	3, 067	2, 504	2, 680	([5])
Other, including umbrellas, buttons, pins, needles, etc. ------	----------	----------	----------	----------	20, 090	16, 959	16, 902	[10] 48, 393
Footwear ------	----------	----------	----------	----------	2, 436	2, 239	370	1, 725
Wood, unmanufactured (excluding railroad ties) 1,000 cu. ft--	26, 270	19, 094	8, 667	([5])	12, 779	9, 105	9, 164	23, 041
Wood, planed and grooved-- 1, 000 cu. ft--	4, 979	3, 160	555	([5])	2, 599	1, 583	689	1, 926
Plywood ------ do----	414	289	112	420	803	527	430	1, 949

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946[1]	1937	1938	1945	1946[1]
Overseas (excluding government stores)—Continued								
Paper, printing:								
Newsprint------1,000 lb--	83,099	75,045	42,845	65,873	1,782	1,829	1,406	2,564
Other----------------do----	59,236	38,574	15,487	56,676	3,169	2,243	1,897	6,637
Paper, wrapping---------do----	72,865	52,920	30,844	66,817	2,882	2,303	2,419	5,617
Cardboard, leatherboard, strawboard, etc----------					1,522	1,514	1,790	3,761
Books and music, printed-----					1,816	1,717	645	1,745
Printed matter, other----------					2,503	2,479	1,274	(5)
Petroleum oils:								
Crude and fuel-1,000 bbl--	2,572	3,011	2,164	2,871	2,476	2,730	2,829	4,024
Gasoline, benzine, naphtha, etc-1,000 bbl--	4,139	4,453	3,810	5,932	10,937	10,665	10,173	14,129
Power paraffin, illuminating and burning oils 1,000 bbl--	693	702	1,283	1,753	1,593	1,492	2,553	3,903
Lubricating (excepting transformer)-1,000 bbl--	281	256	267	390	3,361	3,212	3,931	6,086
Paraffin wax---------1,000 lb--	31,859	28,350	15,210	14,603	1,366	1,171	1,102	1,280
Glass and glassware------------					3,930	3,406	3,172	[10] 9,239
China, porcelain, earthenware and stoneware------------------					3,915	3,310	2,078	[10] 2,570
Diamonds, rough, uncut carats--	(5)	(5)	386,270	6,091,791	(5)	(5)	332	6,481
Iron and steel and manufactures:								
Bars and rods--long tons--	35,880	34,475	8,280	13,575	2,217	2,315	761	1,644
Plates, strips and sheets long tons--	144,667	81,482	60,250	[10] 45,149	11,511	6,882	6,818	[10] 5,515
Pipes, tubes and fittings long tons--	59,440	56,766	12,472	[10] 31,483	6,133	5,468	2,784	[10] 4,574
Wire, including netting, gauze and rope long tons--	55,368	43,102	23,304	[11] 24,247	4,890	4,046	2,412	[11] 3,105
Bolts, nuts, rivets, nails, screws and washers long tons--	23,186	18,696	9,138	[10] 12,026	2,928	2,446	2,108	[10] 3,368
Cutlery, forks and spoons-					1,521	1,334	1,585	(5)
Stoves, ranges and parts (except electric)--------					1,545	1,195	794	1,503
Mechanics' tools----------					2,577	2,221	2,462	4,556
Locomotives and rolling stock-------------------					1,734	2,217	293	(5)
Other--------------------					18,575	15,877	5,209	(5)
Electric bulbs-----------------					1,071	983	1,124	1,622
Electric heating and cooking apparatus (stoves, ironers, etc.)------------------------					1,875	1,591	472	[12] 600
Radio and wireless apparatus and accessories--------------					3,868	3,690	604	4,062
Electric cable and wire 1,000 lb--	41,698	38,099	3,420	17,695	6,149	4,651	898	3,953
Machinery:								
Electrical:								
Motors, dynamos and generators-----------					3,369	3,443	1,651	2,864
Batteries and parts---					1,515	1,233	1,003	1,677
Transformers---------					1,692	2,482	683	1,326
Other----------------					10,108	12,366	3,992	(5)
Engines and parts, except for vehicles--------------					1,765	1,645	1,087	2,621
Boilers (industrial steam) parts and accessories----					[13] 4,602	[13] 3,525	1,049	2,468
Road-making and maintenance--------------					[10] 661	2,230	398	(5)
Mining---------------------					9,152	9,134	2,383	[14] 1,622
Pumps and accessories, water----------------------					1,709	1,573	893	1,605

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946[1]	1937	1938	1945	1946[1]
Overseas (excluding government stores)—Continued								
Machinery—Continued								
Machine tools					(5)	(5)	2,175	3,825
Refrigerators (mechanically cooled) and parts					(5)	2,646	419	2,171
Ball and roller bearings					(5)	830	1,206	(5)
Agricultural:								
Tractors ____number	1,108	1,803	3,341	(5)	1,215	1,917	3,185	(5)
Other, including hand implements					5,931	4,656	5,075	10,665
Other					29,038	22,875	12,775	(5)
Tractors, traction engines, and parts					1,385	1,056	1,343	(5)
Motor trucks, vans, busses, and chassis ____number	12,574	9,162	4,042	[15] 10,320	9,468	7,623	3,678	[15] 10,509
Passenger cars and chassis[16] ____number	54,537	35,085	190	22,858	35,104	24,146	135	22,417
Parts and accessories for passenger cars, motor trucks, etc. (except tires, tubes and electric bulbs)					4,663	4,728	5,274	8,078
Bicycles and tricycles (pedal) and parts and accessories (except tires, tubes, and electric bulbs)					2,850	2,006	1,479	4,168
Drugs, chemicals and fertilizers;								
Drugs and medicines (non-spirituous)					3,420	3,333	5,351	6,741
Insecticides, exterminators, etc					834	788	1,398	[10] 1,586
Glycerin ____1,000 lb	13,948	17,852	4,879	8,534	2,177	2,616	523	966
Sodium cyanide ____do	26,164	19,348	11,264	10,462	2,174	1,735	1,154	1,188
Fertilizers ____long tons	254,606	234,646	228,075	218,186	3,041	3,081	3,121	3,197
Other					6,166	5,553	7,842	9,953
Paints, ready-mixed					1,619	1,511	312	1,609
Blasting fuse ____1,000 lb	8,123	8,285	5,882	10,857	1,914	1,816	1,632	3,565
Motion picture films ____1,000 ft	11,130	12,313	16,187	21,727	1,156	1,400	1,451	1,500
Surgical and dental instruments and appliances					1,573	1,463	1,929	3,082
Musical instruments					2,639	2,523	292	2,861
Toys, sporting and athletic goods					2,287	2,207	694	6,047
Clocks, watches and parts					1,135	1,032	1,188	4,909
Jewelry, plated ware and precious stones					1,412	1,247	492	[17] 3,841
Brushes and brooms					812	751	938	3,453
Pipes and smokers' articles					626	567	249	2,066
Dutiable passengers' baggage					556	566	408	709
Other merchandise					52,443	46,753	36,467	215,584
Overland (excluding government stores)					4,859	5,004	15,017	[2] 17,657
Government stores					29,491	45,851	42,156	[2] 53,963
Bullion and specie:								
Gold bullion ____ounces	12,245	34,076	(18)	(18)	421	1,193	(18)	(18)
Silver bullion ____do	454,648	207,241	148,179	(5)	197	87	76	(5)
Specie (face value)					71	112	93	133

[1] Figures are provisional. [2] Includes silver bullion. [3] Excludes skimmed or separated milk. [4] Excludes fresh or frozen fish. [5] Not available. [6] Includes peanuts, not for oil. [7] Coconut oil and linseed oil only. [8] Excludes knitted piece goods. [9] Excludes blanketing. [10] Incomplete. [11] Excludes netting, gauze, and rope. [12] Stoves and parts only. [13] Excludes parts and accessories. [14] Rock drills and spares only. [15] Excludes busses with all metal bodies. [16] Value figures include body and upholstery material for the building of bodies for chassis imported separately. [17] Jewelry and imitation jewelry only. [18] Withheld from publication.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946[1]	1937	1938	1945	1946[1]
Domestic exports, total, excluding parcel post (Overseas), ships' stores, bullion, and specie					**188.089**	**136.103**	**278.307**	**[2] 339.034**
Overseas					180, 255	127, 925	258, 262	[3]314, 627
Hides, cattle ... 1,000 lb	27, 809	18, 592	5, 698	10, 107	4, 142	2, 100	883	2, 566
Sheepskins ... do	31, 494	32, 686	25, 303	39, 121	6, 016	3, 770	5, 183	10, 341
Corn ... 1,000 bu	30, 552	7, 872	2	(4)	15, 639	4, 651	2	1
Cornmeal ... long tons	190, 252	68, 914	2, 088	446	4, 249	1, 618	87	21
Fruit, fresh:								
Citrus					10, 068	6, 649	5, 634	5, 098
Other					6, 058	6, 274	706	1, 236
Fruit, dried or preserved ... 1,000 lb	20, 376	31, 776	36, 519	25, 489	1, 707	2, 507	3, 648	3, 168
Jams and jellies ... do	800	1, 010	102, 112	65, 747	78	99	8, 109	5, 568
Sugar ... do	485, 719	474, 569	173, 738	28, 282	9, 518	9, 192	4, 565	943
Ales, spirits, wines, etc., potable:								
Wines ... 1,000 gal	2, 028	2, 272	3, 067	4, 148	1, 143	1, 284	3, 222	4, 123
Other					416	407	3, 987	2, 816
Rubber tires and tubes ... 1,000 lb	373	462	16, 547	7, 545	205	264	8, 893	5, 256
Bark extract ... do	91, 535	64, 971	147, 196	145, 615	2, 820	2, 203	5, 631	5, 705
Wattle bark ... do	153, 332	144, 829	95, 877	116, 652	2, 081	2, 193	1, 689	2, 164
Tobacco and manufactures ... do	920	333	3, 353	1, 550	167	120	3, 187	894
Textile fibers and manufactures:								
Wool, sheep's ... do	237, 307	244, 404	154, 072	467, 526	61, 914	43, 494	42, 674	122, 142
Angora hair ... do	4, 561	5, 111	8, 646	11, 547	2, 332	1, 714	2, 439	3, 431
Outer garments					441	570	892	2, 125
Other, including umbrellas, etc					382	283	2, 778	[5] 3, 757
Footwear					190	232	9, 088	10, 469
Coal (except bunker) ... 1,000 long tons	791	884	3, 753	3, 103	1, 991	2, 376	10, 714	9, 516
Asbestos, crude ... long tons	24, 840	19, 624	35, 983	42, 763	2, 093	2, 044	4, 371	5, 271
Diamonds, rough, uncut ... carats	837, 916	598, 439	1, 227, 008	916, 197	11, 039	7, 259	23, 746	24, 125
Diamonds, cut and polished, unmounted ... do	42, 217	37, 482	77, 786	80, 526	5, 208	4, 298	19, 110	23, 884
Copper, bar, plate, etc ... 1,000 lb	23, 084	22, 728	53, 268	56, 576	2, 902	2, 064	5, 086	6, 437
Chrome ore ... do	373, 764	259, 180	383, 664	540, 048	1, 590	1, 160	1, 695	2, 434
Manganese ore ... do	1, 063, 178	703, 386	297, 262	712, 404	2, 833	2, 604	1, 618	3, 355
Platinum ... ounces	29, 665	39, 283	56, 729	61, 310	1, 171	1, 105	1, 669	2, 303
Machinery					374	382	5, 032	2, 798
Drugs, chemicals and fertilizers					666	660	4, 450	3, 954
Firearms					(4)	(4)	12, 448	(6)
Ammunition and explosives					771	832	15, 680	(6)
Other merchandise					20, 051	13, 517	39, 346	38, 726
Overland					7, 834	8, 178	20, 046	[7] 24,407
Reexports, total, excluding parcel post (Overseas), ships' stores, bullion, and specie					**11.815**	**12.130**	**13.927**	**[7] 25.085**
Overseas					6, 627	6, 990	7, 358	[7] 14,573
Overland					5, 188	5, 139	6, 568	[7] 10, 512
Exports, including reexports:								
Parcel post					745	725	3, 781	4, 221
Ships' stores;								
Bunker coal ... 1,000 long tons	1, 126	1, 123	760	713	5, 281	5, 676	3, 304	3, 534
Other					1, 664	2, 278	9, 678	10, 071
Bullion and specie;								
Gold bar ... 1,000 fine oz	11, 780	[8] 6, 850	(9)	(9)	405, 563	[8] 232, 731	(9)	(9)
Gold ore and concentrates					395	336	160	[10] 101
Silver bar ... 1,000 fine oz	172	762	(4)	409	83	332	(4)	[10] 310
Specie (face value)					324	13, 403	281	87

[1] Figures are provisional.
[2] Includes silver concentrates, if any, and Overland exports of silver bar, gold ore and concentrates.
[3] Includes silver concentrates, if any.
[4] Less than one-half the unit.
[5] Incomplete.
[6] Not available.
[7] Includes gold ore and concentrates, silver bar and concentrates, if any.
[8] Not including gold earmarked for account of other banks and firms amounting to 2,821 thousand fine ounces valued at 100,293 thousand dollars.
[9] Withheld from publication.
[10] Overseas only.

Principal Imports from the United States

Commodity	Quantity 1937	Quantity 1938	Quantity 1945	Value (thousands of dollars) 1937	Value (thousands of dollars) 1938	Value (thousands of dollars) 1945
General imports from the United States, total (excluding government stores, bullion, and specie)				**97,820**	**80,066**	**111,399**
Milk, condensed, full cream ... 1,000 lb	3,835	898	5,602	399	92	879
Milk, dried, full cream ... do	40	43	1,007	14	17	426
Leather, unmanufactured ... do	248	223	298	563	465	946
Malt ... do			5,192			400
Rubber, synthetic ... do	(1)	(1)	12,871	(1)	(1)	4,445
Essential and perfumed oils (not toilet preparations)				37	60	629
Tobacco, unmanufactured ... 1,000 lb	153	230	705	51	81	457
Textile fibers and manufactures:						
Piece goods:						
Canvas				58	71	642
Cotton ... 1,000 yd	1,570	2,152	30,015	278	281	8,071
Rayon				6	13	3,149
Underclothing[2]				943	904	3,390
Socks and stockings				438	602	3,549
Outergarments				2,238	2,271	7,237
Hats and caps ... dozen	23,035	19,042	34,879	150	121	487
Blankets, blanketing, lap-robes, and kaffir sheets and sheeting				165	147	499
Haberdashery hard: buttons, needles, pins, etc.				[3] 97	[3] 69	1,029
Other, including umbrellas, sunshades, etc.				1,270	998	2,571
Wood, cane, wicker and manufactures:						
Pine and softwoods, unmanufactured ... 1,000 cu. ft	3,979	3,257	775	2,358	2,080	816
Wooden casks and staves				56	60	468
Other				1,842	1,477	1,341
Books, paper and stationery:						
Printing paper ... 1,000 lb	656	308	8,654	42	26	1,038
Wrapping paper ... do	1,917	1,940	11,298	78	71	1,132
Cardboard, leatherboard, strawboard, etc.				189	235	818
Books and music, printed, and newspapers				214	173	408
Other				801	864	1,700
Petroleum oils:						
Crude and fuel ... 1,000 bbl	251	280	21	425	447	29
Gasoline, benzine, naphtha, etc. ... do	1,130	741	95	3,293	2,023	222
Power paraffin, illuminating and burning oils ... do	208	81	31	538	257	106
Lubricating (except transformer) ... do	210	165	266	2,466	2,074	3,919
Lubricating grease ... 1,000 lb	4,302	3,266	7,027	222	175	461
Glass and glassware				324	307	1,548
China, porcelain, earthenware and stoneware				54	60	405
Abrasives				137	103	591
Iron and steel and manufactures:						
Bars and rods ... long tons	2,036	6,958	4,858	136	422	331
Plates, strips, and sheets[2] ... do	54,888	31,003	57,988	3,941	2,219	6,603
Pipes, tubes and fittings ... do	2,530	1,424	1,188	245	133	809
Wire, including netting, gauze and rope ... do	11,894	9,270	21,339	936	703	2,119
Bolts, nuts, rivets, nails, screws and washers ... do	970	1,139	3,338	134	142	779
Cutlery, forks and spoons				40	34	358
Mechanics' tools				1,017	758	1,512
Other (including locomotives and rolling stock)[2]				2,288	2,172	1,775
Electric bulbs				105	78	439
Radio and wireless apparatus and accessories				2,700	2,011	283
Machinery:						
Electrical:						
Motors, dynamos and generators				465	425	322
Batteries and parts				1,046	730	580
Other				1,390	1,697	1,016
Engines and parts, except for vehicles				202	384	391
Road-making and maintenance				(1)	1,296	345
Cranes and elevating machinery				310	585	98
Mining				2,141	2,193	1,043
Pumps and accessories, water				424	485	321
Machine tools				(1)	(1)	1,209
Refrigerators (mechanically cooled) and parts				(1)	2,043	252
Air compressors				299	525	265
Cash registers, adding, calculating (including accounting and bookkeeping) duplicating, numbering and perforating machines				[4] 588	[4] 500	681
Typewriters and accessories				[5] 506	[5] 420	356
Agricultural:						
Plows, harrows and parts				733	537	585
Tractors ... number	882	1,481	3,236	990	1,648	3,076
Other, including hand implements				1,158	894	1,450
Windmills				516	405	194
Other				8,696	4,241	4,402

See footnotes at end of table.

Principal Imports from the United States—Continued

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1945	1937	1938	1945
Traction engines, tractors, and parts				1,199	841	1,309
Motor trucks, vans, busses, and chassis ... number	8,770	5,868	2,683	5,148	3,594	2,569
Passenger cars and chassis[6] ... do	37,793	23,151	62	24,890	16,638	56
Parts and accessories for passenger cars, motor trucks, etc. (except tires, tubes and electric bulbs)				2,690	2,780	3,560
Aircraft				479	393	(7)
Drugs, chemicals and fertilizers:						
Drugs and medicines (non-spirituous)				493	476	2,887
Insecticides, exterminators, etc.				222	249	705
Perfumery and toilet preparations (non-spirituous)				348	289	1,174
Sulfur ... long tons	13,973	20,975	33,749	272	398	636
Other				720	412	1,294
Paints, pigments and colors				1,109	985	922
Motion picture films ... 1,000 ft	7,087	8,075	13,758	843	1,112	1,068
Surgical and dental instruments and appliances				197	162	821
Other merchandise				8,458	7,433	8,996
Government stores (excluding bullion and specie)				1,203	744	12,904
Gold bullion ... ounces	8		(8)	(7)		(8)

[1] Not available.
[2] Figures represent only those items reported in source; may be incomplete owing to inadequate commodity distribution.
[3] Not entirely comparable with 1945.
[4] Excludes typewriter-bookkeeping machines.
[5] Includes typewriter-bookkeeping machines.
[6] Value figures include body and upholstery material for the building of bodies for chassis imported separately.
[7] Less than $500.
[8] Withheld from publication.

Principal Exports to the United States

Commodity	Quantity			Value (thousands of dollars)		
	1937	1938	1945	1937	1938	1945
Domestic exports to the United States, total (excluding parcel post, bullion, and specie)				**6,306**	**3,444**	**40,691**
Crayfish tails, fresh or frozen ... 1,000 lb	1,633	1,249	902	294	156	193
Sheepskins ... do	7,762	3,467	13,398	1,856	657	2,921
Goatskins ... do	2,672	2,854	2,690	762	540	676
Feathers, ostrich ... pounds	10,271	11,563	25,947	28	33	267
Bark extract ... 1,000 lb	5,047	1,368	25,573	158	44	1,001
Wattle bark ... do	3,796	6,981	24,810	53	100	417
Wool, greasy ... do	2,299	616	56,228	662	117	14,030
Wool, scoured ... do	822	76	4,183	424	28	1,773
Angora hair ... pounds	51,497	341	707,398	33	1	320
Asbestos, crude ... long tons	2,688	2,809	8,638	330	351	995
Corundum ... 1,000 lb	4,686	2,784	8,740	87	53	272
Diamonds, rough, uncut ... carats	5,560	10,264	28,194	332	375	714
Diamonds, cut and polished, unmounted ... do	95	210	47,216	10	19	10,628
Copper, bar, plate, etc. ... 1,000 lb			28,433			2,796
Chrome ore ... do	188,564	97,450	362,206	745	377	1,548
Manganese ore ... do	37,438	92,896	285,632	114	251	1,546
Other merchandise				418	342	594
Reexports, excluding parcel post, bullion, and specie				205	158	84
Gold ore and concentrates (exports including reexports)				248	213	120

FINANCE

Government Revenue and Expenditure (Thousands of South African Pounds)

[Fiscal years ending March 31]

Item	1940–41	1941–42	1942–43	1943–44	1944–45	1945–46	1946–47
Revenue, ordinary, total	63, 472	81, 557	96, 527	109, 617	118, 390	133, 935	136, 905
Customs	9, 523	12, 599	8, 404	8, 029	8, 275	12, 013	24, 499
Excise	4, 416	7, 147	8, 926	12, 453	14, 942	17, 142	17, 888
Stamp duties and fees	1, 086	1, 234	1, 362	1, 710	2, 041	3, 131	4, 571
Income tax	25, 417	27, 759	31, 422	31, 773	32, 493	33, 926	37, 222
Excess profits duty	2, 601	7, 539	11, 981	14, 367	17, 373	18, 863	14, 988
Estate and succession duty	1, 101	939	1, 431	2, 881	2, 964	3, 007	1, 507
Non resident shareholders' tax	----------	1, 052	1, 190	1, 519	1, 561	1, 598	1, 631
Special contribution:							
Gold mines	4, 748	6, 729	8, 201	7, 856	7, 094	6, 757	43
Diamond mines	39	50	91	265	765	710	1, 289
Trade profits special levy	----------	----------	4, 173	5, 569	5, 449	5, 165	3, 324
Posts, telegraphs and telephones	6, 245	7, 306	7, 554	8, 799	9, 477	10, 369	10, 749
Other	8, 296	9, 203	11, 792	14, 396	15, 956	21, 254	19, 194
Expenditure, ordinary, total	63, 391	74, 010	93, 266	109, 337	114, 738	131, 359	130, 132
Defense	20, 500	28, 800	43, 500	52, 500	51, 250	45, 375	18, 375
Public debt	6, 240	7, 108	7, 930	9, 491	10, 582	11, 616	12, 083
Provincial administrations	7, 218	7, 286	7, 276	7, 360	7, 412	13, 148	15, 098
Pensions	5, 221	5, 693	6, 722	7, 753	8, 704	9, 702	14, 203
Union education	1, 249	1, 266	1, 308	1, 396	1, 518	2, 205	3, 078
Public works	1, 365	1, 439	1, 486	1, 627	1, 848	2, 063	2, 507
Police	2, 899	2, 908	3, 095	3, 310	3, 595	4, 180	5, 592
Social welfare and labor	1, 322	1, 586	1, 871	2, 389	3, 500	3, 253	3, 371
Lands and agriculture[1]	4, 555	4, 678	5, 590	7, 294	7, 655	9, 376	18, 543
Public health	904	922	1, 020	1, 085	1, 339	1, 508	1, 986
Posts, telegraphs and telephones	4, 315	4, 444	4, 770	5, 201	5, 698	6, 463	7, 007
Other	7, 603	7, 880	8, 698	9, 931	11, 637	22, 470	28, 289

[1] Includes items of land; agriculture, general; agricultural education and experimental farms; assistance to farmers; and forestry.

Public Debt, External and Internal (Thousands of South African Pounds)

March 31—	Total debt	External debt	Internal debt
1938	262. 618	101, 123	161, 495
1939	278, 876	101, 123	177, 753
1940	291, 449	106, 103	185, 346
1941	335, 997	98, 142	237, 856
1942	381, 122	59, 733	321, 390
1943	430, 036	20, 719	409, 317
1944	474, 654	18, 660	455, 994
1945	540, 128	18, 160	521, 968
1946	582, 886	13, 772	569, 114
1947	594, 761	13, 590	581, 171

South African Reserve Bank—Liabilities and Assets (Thousands of South African Pounds)
[As of March 31]

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Liabilities:											
Capital and reserve fund	2, 000	2, 000	2, 000	2, 000	2, 000	2, 000	2, 000	2, 049	2, 049	3, 122	3, 157
Notes in circulation	17, 530	18, 710	20, 549	24, 706	30, 869	41, 563	51, 323	60, 375	66, 298	63, 290	63, 834
Deposits:											
Bankers	17, 573	18, 817	25, 153	44, 520	50, 177	90, 728	124, 804	139, 717	184, 001	130, 797	184, 156
Government	1, 577	6, 438	10, 506	7, 861	18, 178	14, 343	13, 121	22, 358	32, 909	17, 573	19, 184
Other	2, 720	2, 717	3, 464	5, 008	6, 027	5, 661	4, 391	5, 967	4, 215	7, 558	10, 613
Other liabilities	2, 701	1, 550	2, 559	3,126	2, 686	4, 304	2, 576	2, 401	3, 735	2, 636	3, 478
Total liabilities (and of assets)	44, 101	50, 232	64, 231	87, 221	109, 937	158, 599	198, 215	232, 867	293, 207	224, 976	284, 422
Ratio of legal reserve to liabilities to public percent	58. 6	57. 9	56. 0	58. 9	46. 5	43. 6	46. 3	45. 7	43. 5	91. 3	39. 2
Assets:											
Gold coin and bullion	23, 513	26, 813	32, 979	48, 020	47, 898	65, 467	88, 349	102, 936	123, 071	197, 398	107, 695
Subsidiary coin	196	174	158	169	256	513	226	301	368	387	551
Foreign bills discounted	5, 852	7, 592	8, 236	719	6, 043	9, 241	22, 531	32, 366	46, 678	9, 952	74, 193
Investments	1, 754	1, 785	2, 256	1, 681	18, 566	27, 410	9, 470	2, 724	2, 653	3, 031	2, 955
Loans and advances	900					387	1, 840	4, 005	4, 827	3, 592	[1] 86, 721
Other assets	11, 886	13, 868	20, 602	36, 632	37, 174	55, 581	75, 799	90, 535	115, 610	10, 616	12, 307

[1] Includes £SA79,996,875 Government-guaranteed Gold Loan of 9,275,000 fine ounces of gold to the United Kingdom valued at 172 shillings 6 pence per fine ounce.

Average Exchange Rates of the South African Pound

NOTE.—Rates represent the average of daily rates, Union of South Africa on New York.

Year	Rate		Year	Rate	
	Buying	Selling		Buying	Selling
1938	$4. 905	$4. 819	1943	$4. 035	[1] $3. 980
1939	4. 462	4. 389	1944	4. 035	[1] 3. 980
1940	4. 035	3. 970	1945	4. 035	3. 991
1941	4. 035	3. 976	1946	4. 035	4. 005
1942	4. 035	[1] 3. 980	1947	4. 0325	4. 0075

[1] For amounts of £500 and over (for smaller amounts the selling rate was $3. 97 per South African pound).

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Union of South Africa and South West Africa, Monthly Abstract of Trade Statistics.

SOUTH WEST AFRICA

(Former German colony taken over by the Union of South Africa in 1915; Government placed under administration of Union by Mandate from League of Nations, 1920)
(Values expressed in pounds (£) refer to South African pounds unless otherwise stated.)

AREA AND POPULATION

Area, 317,725 square miles (excluding Walvis Bay district, 374 square miles, which, though Union of South Africa territory, is administered with South West Africa). Population, 1946: total 176,108 (excluding 2,412 persons in Walvis Bay district); of which European (white) 37,858, native 138,195, and colored and Asiatic 55. Capital city, Windhoek, population 14,930 in 1946 (of which European 6,985).

Education, 1944–45: European, 53 Government schools with 5,886 pupils and 68 private schools with 738 pupils; native and colored, 98 schools with 6,431 pupils.

AGRICULTURE, LIVESTOCK, AND FISHERIES

South West Africa is essentially a stock-raising country; limited rainfall precludes extensive production of crops.

Area cultivated, 1939 (no later data available), 63,688 acres; chief crops, corn, wheat, kaffir corn, potatoes, and tobacco.

Livestock numbers, 1943 (latest available), with 1938 data in parentheses (thousands): Cattle, 1,237 (908); karakul sheep (grade), 3,105 (2,120); karakul sheep (pure breed), 78 (26); blackhead Persian sheep, 12 (64); wooled sheep, 23 (94); other sheep, 316 (769); pigs, 11 (10); Angora goats, 9 (20); other goats, 1,048 (1,401); horses, mules, and donkeys, 127 (129).

Exports [1] of Karakul Pelts Overseas and of Dairy Products to Union

Item	1941	1942	1943	1944	1945
Karakul pelts .... thousands..	2, 274	1, 719	2, 328	2, 529	2, 393
Butter .... 1,000 lb..	6, 274	7, 535	10, 488	9, 822	6, 591
Cheese .... do....	104	114	144	3	(2)

[1] Production data not available.
[2] Less than 500 pounds.

Fisheries.—Commercial fishing is carried on at Luderitz and Walvis Bay. Crawfish are the principal product, with 4 canneries at Luderitz. Exports of crawfish, seasons 1939–40 to 1944–45 consecutively: Quantity (1,000 lb.), 1,550; 2,159; 2,302; 1,587; 2,051; 1,995; value (£), 109,823; 152,907; 163,027; 112,378; 145,267; 141,297.

MINING

Diamonds are by far the leading product. Quantity and value of production in recent years as follows:

Item	1941	1942	1943	1944	1945
Quantity .... carats..	41, 615	56, 419	88, 189	154, 379	152, 629
Value .... £ SA..	821, 914	779, 265	713, 620	915, 633	1, 067, 826

Chief metallic ores commercially exploited: Vanadium; ores carrying copper, lead, and zinc, associated with some cadmium; tin, tungsten. Gold production, formerly substantial, now negligible.

TRANSPORTATION AND COMMUNICATION

Railways incorporated in Union system since 1922 and operated by South African Railways and Harbours Administration, which also operates road motor services. Railways, mileage, 1945: 1,474 of 3-foot 6-inch gage; 418 miles of 2-foot gage. Mileage of road motor services: 1,869. Railway traffic, 1945, with 1941 data in parentheses: Passengers carried (thousands), 250 (122); goods (1,000 tons), 543 (393); livestock, 728 (700).

FOREIGN TRADE

Value of foreign trade, excluding specie and gold bullion, 1946 (1938 data in parentheses).—General imports, $27,955,008 ($11,701,213); exports including reexports, $38,820,745 ($17,171,993).

Domestic exports: Total, excluding specie, gold bullion, and government stores, $38,153,-484 ($16,826,739); principal items: karakul skins, 1,011,480 (588,757) pounds, valued at $20,645,334 ($4,816,704); butter, 5,453,937 (8,079,163) pounds, valued at $2,159,063 ($2,050,263); diamonds, 153,399 (163,809) carats, valued at $5,456,821 ($3,952,348).

FINANCE

Public revenue and expenditures, year ended March 31, 1945, with 1940–41 data in parentheses (£1,000): Revenue, 2,360 (845); ordinary expenditures, 3,360 (695); capital expenditure, 2,247, including 2,150 appropriated to Territorial Development and Reserve Fund (49).

Currency.—Unit, the South African pound. (For exchange rates, see Union of South Africa.)

PRINCIPAL SOURCES

Official Yearbook of the Union of South Africa.

Annual Statement of Trade and Shipping of the Union of South Africa and Territory of South West Africa, 1938, 1939.

Union of South Africa and South West Africa, Monthly Abstract of Trade Statistics, December 1946.

SOUTHERN RHODESIA

(Values expressed in pounds (£) refer to the Southern Rhodesian pound unless otherwise stated)

AREA AND POPULATION

Area, 150,344 square miles. Population: 1946 census, total 1,779,980 (native, 1,689,000; European, 83,450; Asiatic and colored, 7,530); 1948 estimate, total, 1,916,000 (native, 1,812,000; European, 96,000; Asiatic and colored, 8,000). Principal cities, 1946 census, total population, with European population in parentheses: Salisbury, (capital), 69,049 (21,203); Bulawayo, 51,698 (17,317); Umtali, 9,736 (2,800); Gwelo, 9,807(2,047).

Education.—Enrollment, all schools 1945–46: Native, 178,862; European, 14,177; Asiatic and colored, 2,190.

AGRICULTURE

Area under cultivation by European farmers (acres): Summer crops, including fodder crops, 1937–38, 448,135; 1945–46, 534,815; 1946–47, 569,339; winter crops, 1938, 21,874; 1945, 20,596; 1946, 17,611.

Value of agricultural production, including livestock (£1,000): 1938, 2,980; 1945, 9,770; 1946, 11,840; 1947, 12,000 (estimate).

Principal Crops [1]: Area and Production

Crop	Area (thousands of acres)				Production (thousands)				
	1937–38	1944–45	1945–46	1946–47	Unit of measure	1937–38	1944–45	1945–46	1946–47
Wheat	[2] 18	[2] 15	[2] 12	--------	bushels	119	137	151	--------
Corn (maize)	276	224	234	252	do	5,114	5,484	5,193	3,161
Tobacco[3]	49	82	86	104	pounds	26,710	52,014	47,219	63,692
Peanuts (groundnuts)	5	7	13	8	do	2,967	5,207	8,896	5,012
Sunflower	6	7	7	8	do	2,427	4,535	3,980	2,830
Cotton	1	5	4	2	do	403	1,437	1,043	474

[1] Wheat is classified as winter crop; all others are summer crops.
[2] Calendar year 1938, 1945, and 1946, respectively.
[3] Between 90 and 96 percent is Virginia type; the rest, Turkish type.

Fruit trees, 1947, data for 1946 in parentheses (number), European cultivation: Citrus, 192,240 (193,679); deciduous, 115,568 (119,435); tropical, 44,277 (60,188).

Forests, 1946, data for 1938 in parentheses (acres): Reserved, 1,174,232 (624,563); unreserved, 98,049 (233,400); exotic or tropical trees, 45,791 (29,980); national parks and game reserves, 3,727,770 (3,697,920).

Livestock (Thousands of Head)

Kind	1938		1945		1946		1947	
	European	Native	European	Native	European	Native	European	Native
Cattle	740	1,556	1,001	1,912	1,021	1,884	1,039	1,710
Sheep	77	233	86	243	83	241	95	191
Goats	8	744	15	674	14	661	17	540
Pigs	21	101	43	91	45	98	32	85
Horses	3	(1)	4	(1)	4	(1)	----	----
Mules and asses	12	79	12	98	12	92	----	----
Poultry	236	----	383	----	424	----	419	----

[1] Less than 500.

Dairy Production, European Farmers

Product	1938	1945	1946	1947
Milk .... 1,000 gal.	5,690	7,750	7,200	7,500
Butter .... 1,000 lb.	1,313	1,224	1,098	1,138
Cheese .... do.	347	702	592	367

MINING AND MANUFACTURING

Total value of mineral output (£1,000): 1938, 7,696; 1945, 8,050; 1946, 7,632; 1947, 7,586. Number of persons employed, 1947 (June), 1938 in parentheses: European, 2,468 (3,120); native, 70,865 (87,847).

Output of Leading Minerals

Product	Quantity				Value (thousands of Southern Rhodesian pounds)			
	1938	1945	1946	1947	1938	1945	1946	1947
Gold .... 1,000 fine oz.	814	568	545	523	5,821	4,894	4,698	4,508
Silver .... 1,000 oz.	166	96	95	92	13	12	19	17
Coal .... 1,000 short tons	1,151	1,840	1,778	1,662	476	667	653	623
Copper (blister) .... tons	(1)	174	160	192	(2)	4	4	10
Chrome ore .... 1,000 short tons	205	205	167	170	242	414	329	432
Asbestos, raw .... do.	59	56	56	54	1,021	1,788	1,677	1,738
Mica .... tons	15	217	370	326	2	109	153	145
Tungsten, concentrates .... short tons	335	292	54	27	42	62	11	7
Iron pyrites .... 1,000 short tons	30	37	28	19	16	35	26	19

[1] Represents 186 tons of ore.
[2] Total value £160.

Industrial Activity

Item	All industrial activities			Building, construction and public utilities			Factory and workshop industries		
	1938	1945	1946	1938	1945	1946	1938	1945	1946
Gross output value £1,000	8,159	18,745	22,917	3,598	5,122	6,014	4,561	13,623	16,903
Net output value .... do.	3,990	8,994	10,849	1,895	3,122	3,575	2,095	5,872	7,274
Salaries and wages paid .... do.	2,467	4,339	5,343	1,497	2,112	2,452	970	2,227	2,891
Number of employees:									
European	4,942	6,626	7,756	2,657	3,344	3,733	2,285	3,282	4,023
Native[1]	37,394	49,815	58,154	24,885	22,209	25,534	12,506	27,606	32,620

[1] Includes a small number of workers of other races.

Value of gross output of leading types of industrial products.—1945, with 1938 data in parentheses (£1,000): Foodstuffs, excluding animal food preparations, 3,733 (1,375); beverages, 1,009 (239); tobacco, 1,075 (415); animal foodstuffs and feeds, 769 (260); clothing and canvas, 961 (139); footwear, 716 (16); hides and skins, 155 (52); metal manufactures, 763 (190); engineering work, 1,251 (698); motor and cycle repair shops, 296 (253); printing, 423 (326); paper manufactures, 57 (16); furniture and cabinet ware, including upholstery and repairs, 268 (72); sawmills and joinery, 325 (151); bricks and tiles, including cement and concrete, 751 (284); building construction, 1,566 (1,066); highway construction, 333 (482); sewage and waterworks, including dam construction, 331 (94); railway construction, 313 (623); electric energy, construction and maintenance, 688 (182); water distribution, 229, (112); electric energy distributed, 772 (286); all other, 1,961 (828).

Value of building permits (£1,000): 1938, 775; 1945, 1,186; 1946, 2,019; 1947, 2,565.

Electric energy.—1945 (latest available), 1938 in parentheses (thousand kw.-hr.): Output 273,637 (79,450); sold, 239,063 (67,377); value, £772,408 (£285,715).

TRANSPORTATION AND COMMUNICATION

Railways.—Total mileage in Southern Rhodesia, 1,424, of which 63 miles privately owned and 1,361 miles owned and operated by Rhodesia Railways, Ltd., a corporation acquired by Southern Rhodesia Government in May 1947. Rhodesia Railways, Ltd., also operated in 1947 the following lines outside Southern Rhodesia: Beira Railway, in Portuguese East Africa, 203 miles; branch lines in Northern Rhodesia, 642 miles, in Bechuanaland, 398 miles, and in Union of South Africa, 112 miles. Operating statistics, all Rhodesia Railways, Ltd., lines except Beira Railway, years ending September 30: Goods carried (thousand tons), 3,094 in 1938, 4,157 in 1946, and 4,288 in 1947; passengers carried (thousands), 858 in 1938, 2,634 in 1946, and 2,721 in 1947; gross receipts (£1,000), 4,792 in 1938, 6,187 in 1946, and 6,790 in 1947.

Roads.—Total under Department of Public Works 1945, 6,000 miles. Asphalt, 1938, 1,588; 1945, 1,637; 1946, 1,681. Vehicles registered (number): 1937, motorcars, 13,832; commercial vehicles, 5,747; motorcycles, 1,036; 1945, motorcars, 15,520; commercial vehicles, 6,339; motorcycles, 952. New registrations: 1946, motorcars, 1,150; commercial vehicles, 1,200; motorcycles, 204; 1947, motorcars, 3,429; commercial vehicles, 2,110; motorcycles, 397.

Communications.—Communication services in Southern Rhodesia, including posts, telegraphs, and telephones (except for a small number of privately owned telephone lines serving rural areas under Government license) are operated by the Department of Posts and Telegraphs. Wireless communications are also operated by the Department of Posts and Telegraphs; ownership of wireless sets is licensed by the same Department.

Postal, Telegraph, Telephone and Wireless Statistics

Item	1938	1945	1946
Postal service:			
Number of items handled:			
Collected ....thousands..	22,374	18,764	31,109
Delivered ....do....	23,853	21,819	28,433
Telegraphs (inland and foreign):			
Number of messages:			
Forwarded ....thousands..	433	588	724
Received ....do....	452	569	715
In transit ....do....	567	731	809
Telephones and wireless:			
Exchange subscribers[1] ....number..	6,162	9,238	9,508
Wireless Listeners' Licenses ....do....	8,445	13,869	14,439

[1] Includes private lines, rural and farm subscribers.

FOREIGN TRADE

Per capita trade.—1946: General imports, $45.90; exports including reexports, $37.25.

Basis of trade statistics.—Import values f. o. b. (or f. o. r.—free on rail); exports f. o. r. Reexports ex warehouse at the original import value. Country of origin for imports and country of destination for exports as far as can be ascertained. Transit trade is excluded.

From 1937 on, gold bar is valued at the price current on the day of export; prior to that it was valued at the standard price of £4.24773 per fine ounce no allowance being made for the

enhanced sterling value. In the table "Value of Imports and Exports" the estimated value of the gold premium (difference between the market price and the standard price) as shown in trade returns has been added to the figures for the years 1934–36. Silver bar is valued at approximately 2s.6d. per fine ounce.

Foreign trade values have been converted from pounds sterling to United States dollars at the following rates: 1934, \$5.0393; 1935, \$4.9018; 1936, \$4.9709; 1937, \$4.9440; 1938, \$4.8894; 1939, \$4.4354; 1940–46, \$4.0300.

Value of Imports and Exports

Year	Merchandise				Bullion and specie			
	Thousands of pounds sterling[1]		Thousands of dollars		Thousands of pounds sterling[1]			
					Bullion		Specie	
	General imports	Exports including reexports	General imports	Exports including reexports	Imports[2]	Exports	Imports	Exports
1934	5, 222	3, 541	26, 316	17, 845	48	[3] 4, 835	39	28
1935	6, 338	3, 827	31, 067	18, 761	36	[4] 5, 168	182	33
1936	6, 859	4, 456	34, 097	22, 149	42	[5] 5, 683	125	14
1937	8, 421	6, 240	41, 634	30, 850	76	5, 691	72	48
1938	9, 607	6. 095	46, 970	29, 803	67	5, 782	85	7
1939	8, 835	5, 707	39, 185	25, 313	86	6, 088	134	69
1940	9, 276	7, 959	37, 383	32, 076	47	7, 051	228	165
1941	9, 829	8, 755	39, 610	35, 283	---	6, 486	258	153
1942	9, 450	9, 903	38, 084	39, 910	---	6, 545	204	283
1943	8, 382	9, 570	33, 780	38, 568	---	5, 542	322	303
1944	11, 578	10, 764	46, 658	43, 380	---	4, 986	389	53
1945	12, 476	13, 041	50, 278	52, 556	27	4, 912	32	79
1946	20, 277	16, 461	81, 717	66, 339	81	4, 811	387	444

[1] Beginning March 1, 1940, the unit of currency is the Southern Rhodesian pound which is equivalent to the pound sterling.
[2] From 1941 on, imports of gold bar are regarded as in transit and excluded.
[3] Includes estimated value of gold premium, 1,844 thousand pounds sterling.
[4] Includes estimated value of gold premium, 2,070 thousand pounds sterling.
[5] Includes estimated value of gold premium, 2,236 thousand pounds sterling.

Trade With Principal Countries (Thousands of Dollars)

Country	General imports				Exports including reexports			
	1937	1938	1945	1946	1937	1938	1945	1946
Total, excluding bullion and specie	**41, 634**	**46, 970**	**50, 278**	**81, 717**	**30, 850**	**29, 803**	**52, 556**	**66, 339**
United States	4, 054	4, 199	6, 474	10, 637	3, 230	1, 824	3, 438	3, 533
Argentina	41	89	77	1, 257	35	48	475	192
Australia	197	365	185	1, 493	292	306	2, 227	1, 769
Bechuanaland	15	74	159	153	928	969	2, 163	2, 114
Belgian Congo	41	109	562	409	488	565	1, 442	1, 581
Canada	1, 691	1, 821	2, 689	3, 838	800	3	469	126
Denmark	32	39	(1)	35	55	27	309	2, 159
Egypt	16	8	41	87	4	9	2, 215	2, 986
India	1, 046	923	2, 184	2, 201	84	148	1, 035	786
Iran	694	604	870	1, 259	---	---	---	4
Northern Rhodesia	408	646	783	1, 483	7, 566	8, 560	11, 503	13, 868
Portuguese East Africa	378	501	1, 788	1, 796	501	542	1, 072	876
Union of South Africa	6, 475	6, 990	14, 728	22, 155	2, 887	2, 259	5, 639	8, 248
United Kingdom	19, 716	23, 691	17, 403	30, 174	8, 984	9, 928	16, 171	20, 653
Other countries	6, 830	6, 911	2, 335	4, 740	4, 996	4, 615	4, 398	7, 444
Percent of total:								
United States	9. 7	8. 9	12. 9	13. 0	10. 5	6. 1	6. 5	5. 3
Northern Rhodesia	1. 0	1. 4	1. 6	1. 8	24. 5	28. 7	21. 9	20. 9
Union of South Africa	15. 6	14. 9	29. 3	27. 1	9. 4	7. 6	10. 7	12. 4
United Kingdom	47. 4	50. 4	34. 6	36. 9	29. 1	33. 3	30. 8	31. 1

[1] Less than \$500.

Imports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
General imports, total, excluding bullion and specie					**41,634**	**46,970**	**50,278**	**81,717**
Fish ... 1,000 lb.	1,701	2,198	2,053	2,665	263	308	336	463
Leather, unmanufactured ... do.	152	113	339	862	58	44	230	419
Corn ... 1,000 bu.	102	43	93	714	53	20	106	1,126
Wheat ... do.	229	410	737	812	305	434	1,222	1,195
Fruit, fresh					164	190	388	368
Peanuts ... 1,000 lb.	232	1,302	5,283	635	6	28	248	34
Palm and palm kernel oil ... 1,000 gal.	131	364	584	452	31	80	305	297
Tea ... 1,000 lb.	541	513	558	439	247	227	138	120
Sugar, unrefined ... do.	[1]20,914	22,471	33,370	41,686	[1]408	399	1,018	1,475
Confectionery ... do.	755	807	885	836	215	224	275	308
Ale, beer and stout ... 1,000 gal.	125	134	417	421	78	74	218	218
Whisky ... 1,000 pf. gal.	92	90	26	64	467	459	141	342
Brandy ... do.	35	36	146	192	93	102	404	566
Wines ... 1,000 gal.	54	51	96	120	90	95	159	237
Rubber, unmanufactured, including vulcanizing compounds ... 1,000 lb.	6	28	256	565	2	9	112	205
Rubber tires and tubes ... do.	1,250	1,370	1,235	2,788	582	690	868	2,007
Tobacco, unmanufactured ... do.	272	305	951	1,840	46	45	313	833
Textile fibers and manufactures:								
Cotton yarns ... 1,000 lb.	(2)	(2)	236	1,606	(2)	(2)	108	458
Cotton piece goods[3] ... 1,000 yd.	27,311	25,179	27,028	23,296	2,612	2,372	6,049	6,062
Cotton thread					84	65	197	198
Jute bags ... thousands	3,985	3,344	3,022	3,158	388	339	656	713
Canvas piece goods ... 1,000 yd.	(2)	(2)	73	500	41	47	56	328
Knitting and darning wool ... 1,000 lb.	(2)	(2)	83	121	49	37	153	213
Woolen piece goods ... 1,000 yd.	504	345	371	547	209	160	372	572
Silk and rayon piece goods ... do.	1,736	1,507	871	1,496	302	247	504	874
Blankets and lap-rugs ... thousands	1,471	1,391	877	1,334	710	655	1,048	1,957
Apparel					2,659	2,747	2,685	5,191
Other					1,283	1,245	1,596	3,014
Footwear					731	732	1,206	1,855
Wood, unmanufactured:								
Railway ties ... 1,000 cu. ft.	(2)	(2)	92	153	168	460	73	118
Other ... do.	757	810	1,102	1,281	371	413	970	1,283
Wooden furniture					439	496	335	973
Paper, cardboard, etc.:								
Printing paper ... 1,000 lb.	2,591	2,554	2,105	1,648	112	120	198	171
Wrapping paper ... do.	2,160	1,932	3,351	1,925	130	115	260	210
Cardboard containers					[4]61	[4]53	61	356
Other					167	197	175	448
Iron and steel and manufactures:								
Angle, channel, H and T ... long tons	1,490	1,023	1,518	3,997	110	69	125	358
Bar and rod ... do.	3,084	3,960	1,685	2,158	219	268	155	204
Plates and sheets ... 1,000 lb.	15,395	15,184	4,504	6,714	486	548	163	311
Pipes and fittings ... do.	9,354	13,726	5,650	7,895	476	684	405	666
Wire, including netting and rope					262	293	192	377
Bolts, nuts and rivets ... 1,000 lb.	1,840	2,426	1,349	2,572	105	143	132	303
Cutlery, not plated					105	117	124	376
Enamelware and hollowware, miscellaneous					172	166	121	432
Mechanics' tools					219	241	282	466
Rails ... long tons	19,339	23,684	11,154	6,689	871	1,199	776	350
Locomotives and parts ... number of locomotives		18		2	83	978	227	309
Rolling stock					206	1,667	141	240
Railway material, other					491	322	167	581
Electrical goods and apparatus:								
Heating and cooking apparatus					(2)	(2)	70	341
Telegraph and telephone material and instruments					14	14	100	313
Wireless telegraphy and telephony material and instruments					267	263	131	312
Cable and wire ... 1,000 lb.	3,279	4,142	2,698	5,201	608	660	469	971
Other					259	303	453	791

See footnotes at end of table.

Imports of Principal Commodities—Continued

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Machinery:								
Electrical					1,222	1,925	1,155	1,241
Boilers, boiler tubes and parts					193	450	361	568
Mining					1,417	1,396	770	1,058
Agricultural machinery and implements:								
Tractors and parts					26	71	222	479
Other					544	512	564	858
Other					1,693	1,875	1,860	4,428
Bands and belting (driving and conveyor)					157	150	103	267
Motor cars ... number	2,428	2,288	205	1,439	1,782	1,699	119	1,381
Motor trucks, vans, and chassis ... do	1,553	1,588	559	1,434	1,386	1,499	692	1,842
Trailers for motor trucks ... do	(2)	(2)	2	413	(2)	(2)	1	229
Parts and accessories (except electric bulbs, tires and tubes) for motorcars and trucks					309	403	315	544
Bicycles, tricycles and parts					689	659	447	806
Airplanes and parts ... number of airplanes	(2)	9	(2)	15	(2)	75	(2)	319
Glass and glassware					187	210	301	554
China and porcelainware					91	147	136	341
Earthenware and stoneware					198	182	316	247
Gasoline ... 1,000 bbl	220	244	239	387	1,216	918	582	1,136
Kerosene and power paraffin ... do	21	21	50	67	190	205	293	346
Fuel oils ... do	105	94	52	63	280	162	96	125
Lubricating oil (mineral) ... do	24	24	15	25	295	331	241	402
Drugs and medicines (non-spirituous)					349	379	865	926
Insecticides, exterminators, etc.					141	161	116	270
Sodium cyanide ... 1,000 lb	5,041	4,835	5,252	4,196	557	473	310	260
Paints and enamels, ready-mixed					114	127	226	342
Fertilizers ... long tons	19,513	19,284	25,392	31,929	457	522	1,111	1,047
Blasting compounds ... 1,000 lb	5,414	5,830	6,027	6,354	648	703	844	876
Fuse ... do	1,000	721	455	1,043	250	180	155	351
Perfumery and toilet preparations (non-spirituous)					168	174	335	500
Musical instruments					115	143	64	262
Toys					80	85	132	331
Books and music, printed					155	183	141	276
Printed, ruled, and embossed matter					228	249	314	541
Clocks, watches, and parts					83	99	262	337
Jewelry					87	96	190	442
Plated ware					65	70	35	221
Government stores					979	1,107	(5)	(5)
Other merchandise					6,706	7,487	9,188	14,656
Bullion and specie:								
Gold bar ... fine oz	10,947	9,371	(6)	(6)	375	327	(6)	(6)
Gold concentrates ... 1,000 lb			808	2,508			107	328
Specie					354	418	127	1,560

[1] Includes refined.
[2] Not available.
[3] Excludes cotton seed-bed cloth and mosquito netting.
[4] Reported as cardboard boxes and discs for milk bottles.
[5] Distributed under appropriate commodities.
[6] Now regarded as in transit and excluded.

Exports of Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
Domestic exports, total (excluding bullion and specie)	--------	--------	--------	--------	**[1]25,046**	**23,659**	**43,959**	**55,581**
Meats, fresh, chilled or frozen ... 1,000 lb.	22,293	13,540	11,461	9,685	1,116	778	1,075	977
Meats, other ... do.	2,307	2,071	4,632	4,400	401	371	1,167	1,193
Hides, cattle ... do.	8,925	6,318	4,639	6,833	1,051	584	568	1,027
Corn ... 1,000 bu.	5,094	1,415	107	19	2,503	802	98	24
Wheat meal and flour ... cwt.	40,225	47,180	123,593	135,242	242	267	706	817
Vegetables, preserved or dehydrated 1,000 lb.	--------	--------	983	1,334	--------	--------	437	534
Peanut oil ... 1,000 gal.	(2)	16	499	923	(2)	11	690	1,348
Sugar, refined ... 1,000 lb.	3,405	4,816	8,287	6,805	162	217	434	399
Tobacco, unmanufactured ... do.	18,403	22,588	40,166	40,634	4,619	6,165	17,177	26,258
Cigarettes ... do.	146	166	615	647	302	357	868	995
Apparel, except footwear	--------	--------	--------	--------	245	239	1,023	1,595
Footwear	--------	--------	--------	--------	(3)	(3)	1,043	956
Wood, unmanufactured, excluding railroad ties ... 1,000 cu. ft.	189	246	461	387	136	180	670	456
Coal ... long tons.	445,450	470,554	784,146	649,922	1,226	1,234	1,424	1,151
Coke and patent fuel ... do.	44,045	45,663	78,835	68,598	245	252	420	377
Asbestos, raw ... do.	57,547	52,330	44,867	55,129	6,082	6,196	6,747	7,622
Mica ... pound.	34,775	31,142	464,546	728,843	17	35	451	535
Chrome ore ... 1,000 lb.	570,594	451,736	457,952	335,008	3,329	2,522	3,105	2,578
Tungsten ore ... do.	524	450	880	296	194	163	447	121
Other merchandise	--------	--------	--------	--------	[1]3,176	3,286	5,409	6,618
Bullion and specie (domestic exports):								
Gold bar ... fine oz.	797,503	801,023	566,326	552,519	27,756	27,855	19,655	19,180
Gold concentrates, etc. ... 1,000 lb.	252	1,010	1,715	2,235	18	46	92	158
Silver bar ... fine oz.	127,380	134,308	96,152	95,645	79	82	49	48
Silver concentrates ... 1,000 lb.	208	704	--------	--------	25	58	--------	--------
Reexports:								
Total, excluding bullion and specie	--------	--------	--------	--------	5,804	6,143	8,597	10,758
Bullion and specie:								
Gold bar ... fine oz.	7,368	6,561	--------	--------	256	226	--------	--------
Silver bar ... do.	535	498	--------	--------	(3)	(3)	--------	--------
Specie	--------	--------	--------	--------	240	32	319	1,788

[1] Includes government stores valued at $21 thousand not distributed by commodities; government stores subsequently included under appropriate commodities.
[2] Not available.
[3] Less than $500.

Trade With the United States by Principal Commodities

Commodity	Quantity				Value (thousands of dollars)			
	1937	1938	1945	1946	1937	1938	1945	1946
General imports from the United States, total, excluding bullion and specie	-------	-------	-------	-------	**4,054**	**4,199**	**6,474**	**10,637**
Milk, condensed, full cream ......1,000 lb..	-------	17	318	579	-------	2	77	111
Textile fibers and manufactures:								
Cotton piece goods[1] ....1,000 yd..	2	1	5,575	3,842	(2)	(2)	1,116	1,077
Canvas piece goods ....do....	(3)	(3)	2	235	(2)	1	1	108
Apparel, except footwear	-------	-------	-------	-------	117	139	791	1,389
Other	-------	-------	-------	-------	26	25	316	705
Paper, cardboard, etc., including containers	-------	-------	-------	-------	13	25	90	128
Iron and steel and manufactures:								
Plates and sheets ....1,000 lb..	779	1,414	2,555	1,372	27	38	92	60
Wire, including netting and rope	-------	-------	-------	-------	28	31	98	98
Cutlery, not plated	-------	-------	-------	-------	2	4	15	100
Mechanics' tools	-------	-------	-------	-------	59	64	106	173
Electrical goods and apparatus (not machinery):								
Wireless telegraphy and telephony material and instruments	-------	-------	-------	-------	145	118	33	128
Other	-------	-------	-------	-------	21	42	89	143
Machinery:								
Mining	-------	-------	-------	-------	500	464	230	324
Pumps and accessories, water	-------	-------	-------	-------	92	102	96	58
Agricultural machinery and implements:								
Tractors and parts	-------	-------	-------	-------	21	59	209	295
Other	-------	-------	-------	-------	96	99	150	110
Refrigerators, mechanically cooled, and parts	-------	-------	-------	-------	(3)	(3)	18	128
Other	-------	-------	-------	-------	437	504	449	855
Motor cars ....number..	682	709	56	454	502	519	37	452
Motor trucks, vans and chassis ....do....	471	328	113	198	305	220	115	229
Parts and accessories (except electric bulbs, tires and tubes) for motor cars and trucks	-------	-------	-------	-------	144	177	179	284
Glass and glassware	-------	-------	-------	-------	4	6	33	112
Gasoline ....1,000 bbl..	53	40	(2)	1	299	171	(2)	3
Lubricating oil (mineral) ....do....	16	16	15	24	176	193	240	364
Drugs and medicines (non-spirituous)	-------	-------	-------	-------	24	26	258	179
Perfumery and toilet preparations (non-spirituous)	-------	-------	-------	-------	28	31	79	153
Playing cards ....1,000 packs..	1	(2)	27	494	(2)	(2)	8	108
Jewelry	-------	-------	-------	-------	2	2	5	86
Government stores	-------	-------	-------	-------	19	77	(4)	(4)
Other merchandise	-------	-------	-------	-------	967	1,060	1,544	2,677
Bullion and specie	-------	-------	-------	-------	(5)	(5)	(5)	(5)
Domestic exports to the United States, total, excluding bullion and specie	-------	-------	1,425	2,429	**3,219**	**1,823**	**3,395**	**3,428**
	-------	-------	2,037	3,996	-------	-------	747	1,123
Tobacco, unmanufactured ......1,000 lb..	7,159	3,027			891	363	475	792
Asbestos, raw ....long tons..	389,884	266,068	304,134	191,122	2,276	1,454	2,103	1,468
Chrome ore ....1,000 lb..	-------	-------	-------	-------	52	6	70	45
Other merchandise								
Bullion and specie [6] ....1,000 lb..	-------	938	1,715	2,230	-------	27	92	145
Reexports:								
Total, excluding bullion and specie	-------	-------	-------	-------	11	1	44	105
Bullion and specie	-------	-------	-------	-------	-------	-------	-------	-------

[1] Excludes cotton seed-bed cloth and mosquito netting.
[2] Less than one-half the unit.
[3] Not available.
[4] Distributed under appropriate commodities.
[5] Imports of bullion nil; statistics on imports of specie not available, but excluded from total.
[6] Gold concentrates.

FINANCE

Government Revenues and Expenditures (Thousands of Southern Rhodesian Pounds)
[Fiscal years ending March 31 of years specified]

Item	1938	1945	1946	1947[1]
Revenues:				
Tax revenue	2,493	8,599	9,004	9,138
Nontax revenue	944	1,923	2,092	2,065
Total	3,437	10,522	11,096	11,201
Expenditures:				
From revenue funds	3,365	10,050	12,393	10,094
From loan funds	900	1,605	2,569	5,097
Total	4,265	11,655	14,961	15,191
Public debt outstanding	12,367	24,502	24,684	26,798

[1] Provisional.

Banking statistics.—Private banks, not available. Savings deposits with Post Office Savings Bank (£1,000); 1939, 830; 1945, 4,494; 1946, 5,568; 1947, 6,263.

Currency and exchange.—The unit of currency is the Southern Rhodesian pound, of which fractional units are the shilling (20s. equal £1) and the penny (12d. equal 1s). Currency is linked with the pound sterling. Since 1939, currency is issued by the Southern Rhodesian Currency Board. Southern Rhodesian currency and coinage are legal tender also in Northern Rhodesia and Nyasaland. Currency and coin in circulation, March 31 (£1,000): 1939, 2,202 (including commercial bank notes then outstanding); 1945, 4,976; 1946, 6,035; 1947, 6,504. Approximately two-thirds of total is circulating in Southern Rhodesia.

PRINCIPAL SOURCES

Statistical Yearbook of Southern Rhodesia.
Economic and Statistical Bulletin of Southern Rhodesia.
Beira and Rhodesia Railways Report.
Southern Rhodesia Government Gazette.
Annual Statement of the Trade of Southern Rhodesia.

NORTHERN RHODESIA

(Values expressed in pounds (£) refer to Southern Rhodesian pounds unless otherwise stated)

AREA AND POPULATION

Total area, 287,640 square miles. Population: October 15, 1946, census, total, 1,683,828 (native, 1,660,000; European, 21,907; Asiatic and colored, 1,921); 1947 estimates, total, 1,697,200 (native, 1,670,000; European, 25,100; Asiatic and colored, 2,100).

Gainful Employment of European Population (Number Employed)

Occupational group	1921	1931	1946
Extractive:			
Agriculture and forestry	714	592	648
Mining and quarrying	133	2,843	3,338
Manufacturing (including building and construction)	114	1,083	[1] 567
Transport and communications	306	814	886
Commerce and finance	258	892	1,093
Hotel and personal services	55	244	333
Public and general interest services	488	1,140	[2] 1,812
Other occupations	42	494	52
Total gainfully employed	2,110	8,102	8,729

[1] Includes 232 in building and other construction.
[2] Includes 1,015 in Government and 175 in local authority.

Education.—Total, all schools, 1946: Enrolled, 138,032 (135,167 native, 2,786 European, and 79 Asiatic and colored); average annual attendance, 112,137, comprising 109,426 native; 2,636 European, and 75 Asiatic and colored.

AGRICULTURE

Area under cultivation, European farmers only, estimated 1946–47: All crops, 100,000 acres of which approximately 55 percent were in corn (maize). Production, European farmers only, 1938–39, 1945–46, and 1946–47, consecutively: Corn, in bushels, 730,000, 1,250,000, 964,000; tobacco, in pounds, 1,983,000, 4,180,000, 4,380,000. Other crops being grown include wheat, potatoes, peanuts (groundnuts), sunhemp, cowpeas, beans, and sunflowers.

Fruit trees, 1938–39 (latest available), in acres: Oranges, total, 226; other citrus fruit, total, 53.

Forests, 1946 (square miles): Forest and woodland, 19,000; forest reserves and protected forest area, 1,628.

Livestock, 1947, with 1938 data in parentheses (thousands): European, cattle, 137 (125), sheep and goats, 9 (10), pigs 7 (4); native (estimated), cattle, 633 (502); sheep and goats, 113 (127); pigs, 51 (32).

MINING AND MANUFACTURING

Total value of mineral output, exclusive of building material (£1,000): 1938, 10,684; 1945, 12,963; 1946, 14,503, 1947, 24,555. Number employed, 1947 (monthly average), 1938 in parentheses: European, 3,496 (2,511); native, 31,029 (23,132).

Principal Minerals: Quantity and Value of Ouptut

Mineral	Quantity				Value (thousands of pounds)			
	1938	1945	1946	1947	1938	1945	1946	1947
Copper (blister) 1,000 long tons	182	133	129	136	7,445	7,432	8,470	15,207
Copper (electrolytic) do	31	61	54	56	1,441	3,815	3,856	6,584
Lead (pig) do	(1)	2	8	16	4	64	486	938
Zinc[2] do	10	15	17	21	142	696	870	1,268
Cobalt, alloy 1,000 lb	3,221	3,744	2,696	2,280	1,369	672	476	399
Other[3]	------	------	------	------	283	284	[4] 345	159

[1] 273 long tons.
[2] Approximately 70 percent electrolytic and 30 percent debased zinc.
[3] Includes gold, silver, tin, vanadium, and selenium.
[4] Includes £227,208 from sale of accumulated refinery slimes.

Industry.—Total value of output, made up of hides and skins, chemicals and soap, clothing, timber, electricity and water, 1946: £513,928; timber alone, £251,100

TRANSPORTATION AND COMMUNICATION

Railways.—Length of line of railways in Northern Rhodesia, total, 642 miles. Owned and operated by the Rhodesia Railways, Ltd., a corporation acquired by the Southern Rhodesian Government in May 1947. Operating statistics for the railways in Northern Rhodesia alone are not available, but it is reported that in 1946 approximately a third of total tonnage of 4,399,000 of Rhodesia Railways, Ltd. (entire system, including Beira and, Shabani Railways) and approximately 20 percent of 2,284,738 native passengers carried in 1947 were in Northern Rhodesian section.

Roads.—Total trunk roads, 1945, 2,526 miles. Total number of motor vehicles registered, not available. New registrations (number), 1946: Private vehicles, 76; commercial vehicles, 106; motorcycles, 9; 1947, private vehicles, 471; commercial vehicles, 453; motorcycles, 26.

Posts, telegraphs and telephones.—Owned and operated by the Government. Postal services, 1946: 48 post offices of which 26 were also telegraph offices and 14 money-order offices; number of letters handled, 10,200,000. Telephone and telegraph services, 1946: Telegraph and long-distance telephone lines (wire-miles), 3,527; telephones (number), 1,823; mine telephones connected to trunk system, 939.

FOREIGN TRADE

Value of foreign trade, excluding specie, 1947 (1938 data in parentheses).—General imports, $42,994,494 ($25,266,429); exports including reexports, $85,596,471 ($49,534,223). Trade is mainly with the United Kingdom, the Union of South Africa, and Southern Rhodesia. Exclusive of government stores, imports from the United States amounted to $5,323,553 ($2,555,259) and exports to the United States $7,161 ($913,848).

Domestic exports: Total, excluding specie, $84,240,392 ($49,025,676); copper, blister, 128,416 (184,687) long tons valued at $47,890,610 ($35,722,744); copper, electrolytic 57,480 (34,733) long tons valued at $23,405,382 ($7,576,409).

FINANCE

Government Revenues and Expenditures, (Thousands of Pounds)
[Years ended December 31]

Item	1938	1945	1946	1947
Revenues	1, 594	3, 434	3, 362	4, 252
Expenditures	1, 148	2, 543	2, 899	4, 413

Banking.—Commercial banks, 1946: Number of depositors, 6,586; deposits, £843,779. Savings deposits with Post Office Savings Bank (£1,000): 1938, 48; 1946, 342; 1947, 385.

Currency and exchange.—Southern Rhodesia coin and currency are legal tender in Northern Rhodesia. (See Southern Rhodesia.) Coin and currency in circulation in Northern Rhodesia, March 31 (estimated): 1945, £1,038,632; 1946, £1,205,398.

PRINCIPAL SOURCES

Northern Rhodesia Economic and Statistical Bulletin.
Northern Rhodesia Blue Book.
Northern Rhodesia Official Gazette.
The Colonial Empire.
Information on Northern Rhodesia for the year 1947, transmitted to the United Nations by the United Kingdom.
Statistics of the External Trade of Northern Rhodesia (monthly).

APPENDIX A

AREA AND POPULATION: PRINCIPAL COUNTRIES

NOTE.—Rounded figures are approximate only. Density is computed on the basis of latest population figures (census or official estimate). Asterisk (*) indicates the capital of the country.

Country	Area (square miles)	Latest census: Year	Latest census: Population (thousands)	Official estimates: Year	Official estimates: Population (thousands)	Density per sq. mile	Largest city	Estimated population (thousands)
Total, world	[1] 51,177,000	----	------	1947	[2] 2,316,797	45.3	----------	-----
NORTH AMERICA								
United States (continental)	[1] 2,977,188	1940	131,669	1948	146,571	49.2	New York City	7,888
Percent of world total	5.8	----	------	----	6.3	------	----------	-----
Alaska	571,065	1940	73	1945	[3] 134	.2	*Juneau	6
Hawaii	6,420	1940	423	1947	544	84.7	*Honolulu	179
Canada	[1] 3,462,103	1941	11,507	1948	12,883	27.9	Montreal (1941)	1,140
Newfoundland and Labrador	152,734	1945	318	1946	330	2.2	*St. John's (1945)	57
Mexico	760,373	1940	19,654	1948	23,876	31.4	*Mexico City (and Federal District) (1947)	2,500
WEST INDIES								
Bermuda	21	1939	32	1946	37	1,761.9	*Hamilton	4
British West Indies	12,442	1931	1,803	1946	2,525	202.9	Kingston (Jamaica)	109
Cuba	44,164	1943	4,779	1947	5,130	116.2	*Habana (1946)	887
Netherlands West Indies	403	1946	146	1948	149	369.7	*Willemstad	40
Dominican Republic	19,332	1935	1,479	1948	2,182	112.9	*Ciudad Trujillo (1946)	114
French West Indies	1,114	1946	541	----	----------	485.6	Fort-de-France (Martinique)	66
Haiti	10,700	1918	1,631	1948	3,000	280.4	*Port-au-Prince (1947)	125
Puerto Rico	3,423	1940	1,869	1947	2,149	627.8	*San Juan (1940)	169
CENTRAL AMERICA								
British Honduras	8,876	1946	59	----	----------	6.6	*Belize	18
Costa Rica	23,000	1927	472	1947	803	34.9	*San José (1944)	77
Guatemala	42,042	1940	3,283	1947	3,678	87.5	*Guatemala City (1946)	206
Honduras	59,159	1945	1,201	1947	1,240	20.3	*Tegucigalpa (1945)	56
Nicaragua	49,500	1940	983	1947	1,149	23.2	*Managua (1945)	132
Panama	32,380	1940	623	1947	701	21.6	*Panama City (1940)	112
El Salvador	13,176	1933	1,550	1947	2,047	155.4	*San Salvador (1945)	120
SOUTH AMERICA								
Argentina	1,079,965	1947	16,109	----	----------	14.9	*Buenos Aires (1947)	3,000
Bolivia	419,470	1900	1,767	1947	3,854	8.5	*La Paz (1948)	320
Brazil	3,286,170	1940	41,236	1947	48,000	14.6	*Rio de Janeiro (1940)	1,519
Chile	286,396	1940	5,002	1948	5,671	18.7	*Santiago (1948)	1,114
Colombia	439,828	1938	8,702	1947	10,545	23.0	*Bogotá (1945)	444
Ecuador	[4] 104,000	----	-------	1945	3,241	31.2	Guayaquil (1945)	216
Guiana, British	83,000	1946	377	1948	388	4.7	*Georgetown	74
Guiana, French	[5] 34,740	1946	25	----	----------	.7	*Cayenne	11
Paraguay	157,047	1899	656	1948	1,145	7.3	*Asunción (1948)	130
Peru	[6] 483,000	1876	2,699	1947	7,922	15.3	*Lima (1947)	629
Surinam	54,000	1942	187	1948	208	3.9	*Paramaribo	75
Uruguay	72,153	1908	1,043	1947	2,350	32.6	*Montevideo (1947)	850
Venezuela	352,143	1941	3,951	1947	4,398	11.2	*Caracas (1941)	269
EUROPE								
Austria	32,377	1948	6,953	----	----------	215.4	*Vienna (Wien) (1948)	1,732
Belgium	11,754	1930	8,092	1948	8,461	719.8	*Brussels (Bruxelles) (1945)	946
Bulgaria	42,796	1946	7,022	----	----------	164.1	*Sofia (Sofiya) (1947)	367
Czechoslovakia	49,354	1930	13,998	1947	12,165	246.5	*Prague (Praha) (1947)	922
Denmark[7]	16,576	1945	4,045	1947	4,169	251.5	*Copenhagen (København) (1945)	1,079

See footnotes at end of table.

Area and Population: Principal Countries—Continued

NOTE.—Rounded figures are approximate only. Density is computed on the basis of latest population figures (census or official estimate). Asterisk (*) indicates the capital of the country.

Country	Area (square miles)	Latest census: Year	Latest census: Population (thousands)	Official estimates: Year	Official estimates: Population (thousands)	Density per sq. mile	Largest city	Estimated population (thousands)
EUROPE—Continued								
Finland	117,970	1940	3,887	1947	4,100	34.7	*Helsinki (Helsingfors) (1944)	331
France	212,737	1946	40,519	1947	41,000	193.2	*Paris (proper) (1946)	2,725
Germany[8]	137,974	1946	65,911	----	----	477.7	*Berlin (1946)	3,180
Greece	50,270	1940	7,347	1946	7,600	151.2	*Athens (1940)	487
Hungary	35,909	1937	9,038	1947	9,333	260.0	*Budapest (1947)	1,165
Ireland	26,935	1946	2,953	1948	2,997	111.3	*Dublin (Baila Atha Cliath) (1946)	507
Italy	116,224	1936	42,127	1948	46,110	396.6	*Rome (Roma) (1948)	1,597
Luxembourg	999	1935	297	1947	290	290.3	*Luxembourg (1946)	60
Netherlands	[1] 12,868	1930	7,936	1947	9,714	754.9	*Amsterdam (1946)	769
Norway[7]	[1] 119,148	1930	2,814	1947	3,164	26.6	*Oslo (1930)	253
Poland[9]	81,390	1946	19,108	----	----	234.8	Lodz (1948)	590
Portugal (including Azores and Maderia)	35,582	1940	7,722	1946	8,300	233.3	*Lisbon (1947)	800
Rumania	92,040	1948	15,873	----	----	172.4	*Bucharest (Bucuresti) (1946)	937
Spain (including Canary Islands)	195,258	1947	25,878	----	----	132.5	*Madrid (1940)	1,089
Sweden	[1] 158,486	1947	6,842	----	----	43.2	*Stockholm (1947)	703
Switzerland	15,944	1941	4,266	1948	4,580	224.5	Zurich (1946)	361
U.S.S.R. (Europe and Asia)	8,600,000	1939	170,467	1940	193,000	21.3	*Moscow (1939)	4,137
United Kingdom	94,202	1931	44,790	1948	50,033	531.1	*London[10] (1946)	7,878
Yugoslavia	95,576	1948	15,752	----	----	164.8	*Belgrad-Zemun (Beograd) (1948)	388
ASIA								
Aden Colony / Aden Protectorate	112,000	1946 / ----	81 / ----	---- / 1946	---- / 650	6.5	Aden (1946)	81
Afghanistan	246,000	----	----	1947	12,000	48.8	*Kabul (1947)	----
Saudi Arabia	927,000	----	----	----	5,500	5.9	Mecca	90
Burma	261,610	1941	16,824	1948	18,000	68.8	*Rangoon (1947)	600
Ceylon	25,332	1946	6,659	1947	6,879	271.6	*Colombo (1946)	364
China (Provinces and Tibet)	3,789,282	----	----	1947	461,006	121.7	Shanghai	3,854
Hong Kong	390	1931	850	1948	1,800	4615.4	*Victoria	767
India[11]	1,581,410	1941	388,998	1947	405,000	256.1	Calcutta (1941)	2,488
Indochina, French	285,000	1936	23,030	1946	27,000	94.8	*Saigon, Cholon	492
Indonesia	735,268	1930	60,727	1947	72,000	98	*Batavia (1947)	1,250
Iran (Persia)	628,000	----	----	----	15,000	23.8	*Tehran	683
Iraq	116,000	1947	4,800	----	----	41.4	*Baghdad (1947)	450
Israel	(12)	1948	782,000	----	----	----	Tel Aviv (1948)	210
Japan (proper)	146,786	1947	78,627	1948	80,342	547.3	Tokyo (1947)	4,175
Korea, Republic of[13]	37,000	1946	19,369	1948	20,564	555.8	*Seoul (1947)	1,179
Lebanon	3,977	----	----	----	1,186	298.2	*Beirut	200
Malaya	50,962	1947	5,843	----	----	114.7	----	----
Federation of Malaya	50,680	1947	4,903	----	----	96.7	Penang (1947)	189
Colony of Singapore	282	1947	941	----	----	3,336.9	*Singapore (1947)	680
Nepal	56,000	1941	6,282	----	----	112.2	Kathmandu	----
Philippines, Republic of	115,600	1948	19,234	----	----	116.4	*Manila (1948)	984
Thailand (Siam)	200,148	1947	17,256	----	----	86.2	*Bangkok (1948)	1,000
Syria	71,660	----	----	----	3,500	48.8	Aleppo	350
Turkey (including European)	296,185	1945	18,790	1947	19,200	64.8	Istanbul (1945)	861
AFRICA								
Algeria[14]	851,310	1936	7,235	1947	8,971	10.5	*Algiers (Alger) (1947)	535
Anglo-Egyptian Sudan	967,500	----	----	1948	6,500	6.7	----	----
Angola (Portuguese West Africa)	480,000	1940	3,733	----	----	7.8	*Luanda	62
Belgian Congo	912,000	1946	10,702	----	----	11.7	*Leopoldville	123
Egypt[15]	386,000	1947	19,043	----	----	49.3	*Cairo (1947)	2,101
Eritrea[16]	46,000	1931	601	----	----	13.1	Asmara	85
Ethiopia	405,057	----	----	1949	10,079	24.9	*Addis Ababa	250
Gambia (incl. protectorate)	4,132	1931	200	1946	243	58.8	*Bathurst	21
Gold Coast	91,843	1948	4,095	----	----	44.6	*Accra	135

See footnotes at end of table.

Area and Population: Principal Countries—Continued

NOTE.—Rounded figures are approximate only. Density is computed on the basis of latest population figures (census or official estimate). Asterisk (*) indicates the capital of the country.

Country	Area (square miles)	Latest census		Official estimates		Density per sq. mile	Largest city	Estimated population (thousands)
		Year	Population (thousands)	Year	Population (thousands)			
AFRICA—Continued								
French Equatorial Africa	959, 256	1946	4, 128	-----	----------	4. 3	*Brazzaville	26
French West Africa[17]	1, 837, 661	1945	15, 996	-----	----------	8. 7	*Dakar	140
Italian Somaliland[16]	196, 000	1931	1, 022	-----	----------	5. 2	*Mogadiscio	55
Kenya	224, 960	1937	3, 334	1947	4, 186	18. 6	Nairobi	100
Liberia	43, 000	-----	-------	1948	1, 000	23. 3	*Monrovia	12
Libya[16]	679, 000	1936	751	-----	----------	1. 1	Tripoli	108
Madagascar (including dependencies)	241, 094	1946	4, 000	-----	----------	18. 9	*Tananarive	163
Morocco, French	162, 162	1946	8, 993	-----	----------	55. 4	Casablanca (1946)	505
Mozambique (Portuguese East Africa)	298, 000	1940	5, 086	-----	----------	17. 7	*Lourenço Marques	70
Nigeria[17]	372, 674	1931	19, 928	1948	25, 000	67. 1	Ibadan	400
Rhodesia, Northern	287, 640	1946	1, 684	1948	1, 721	6. 0	Lvanshya Township	22
Rhodesia, Southern	150, 344	1946	1, 780	1948	1, 977	13. 1	*Salisbury	69
Sierra Leone (including protectorate)	27, 940	1931	1, 767	1946	2, 000	71. 6	*Freetown	97
Tanganyika	340, 000	1948	7, 067	-----	----------	20. 8	*Dar-es-Salaam	62
Tunisia	48, 332	1946	3, 231	-----	----------	66. 9	*Tunis (1946)	365
Uganda	[1] 80, 292	1937	3, 711	1947	4, 061	50. 6	Kampala	20
Union of South Africa	472, 494	1946	11, 392	-----	----------	22. 0	Johannesburg (1946)	763
OCEANIA								
Australia	2, 974, 581	1947	7, 581	-----	----------	2. 6	Sydney (1947)	1, 484
New Zealand	103, 935	1945	1, 702	1948	1, 849	17. 8	Auckland (1945)	263

[1] Land area. Total is approximate only.
[2] Midyear 1947 estimate, from United Nations Statistical Papers, series A, nos. 2-3.
[3] Includes military population.
[4] Boundaries unsettled. Figures are those of the Ecuadoran Government.
[5] Including Territory of Inini.
[6] Estimated.
[7] Not including outlying possessions.
[8] Data apply to the four zones and Berlin (excluding lands east of the Oder and Neisse rivers—43,702 square miles—placed under Polish administration by the Potsdam Agreement; recent population figures for this area are not available). The total area of Germany including Polish-administered areas is 181,676 square miles.
[9] Figures for area and population of Poland include Danzig but exclude those of German areas now under Polish administration in accordance with the Potsdam Agreement. Polish official figures for these territories as of 1946 are: Area, 100,900 square kilometers (about 38,960 square miles); population 4,822,000.
[10] Greater London, 1946 midyear estimate, civilians only.
[11] All data apply to prepartition India; the partition into India and Pakistan was effected August 15, 1947.
[12] Area undetermined.
[13] Republic of Korea, south of the 38th parallel. Area estimated.
[14] Including desert and thinly populated areas (southern territories), with area of 770,300 square miles and population of 642,651.
[15] The area of occupied lands in Egypt is only about 13,600 square miles; the density of population for this area is 1,169 per square mile.
[16] Former Italian colony—ultimate postwar status undetermined. Statistics are those of the Italian Government.
[17] Excluding Trust Territories.

APPENDIX B

PER CAPITA TRADE, BY COUNTRIES, 1947

Country	Dollars: Imports	Dollars: Exports
NORTH AMERICA		
United States	38.50	103.30
Canada	203.55	220.55
Newfoundland[1]	219.25	206.40
Mexico	28.55	19.00
Central America:		
Costa Rica	59.85	28.65
Guatemala	15.60	14.15
Honduras[2]	23.75	14.10
Nicaragua	18.10	18.20
Panama	108.00	16.10
El Salvador	18.05	19.55
Cuba	101.35	145.55
Dominican Republic	24.50	38.15
Haiti[3]	9.10	10.70
SOUTH AMERICA		
Argentina	81.20	101.75
Bolivia	15.45	21.15
Brazil	25.35	23.85
Chile	48.85	50.65
Colombia	34.50	24.10
Ecuador	12.90	13.25
Paraguay	19.25	18.55
Peru	21.20	19.45
Uruguay	91.55	69.15
Venezuela	125.55	166.90
EUROPE		
Austria	18.05	12.80
Belgium and Luxembourg	224.05	161.40
Bulgaria	10.65	12.20
Czechoslovakia	46.95	47.05
Denmark	154.30	115.80
Finland	84.25	81.10
France	70.80	43.50
Greece (1946)	15.10	5.90
Hungary (1946)	3.40	3.85
Ireland	177.60	53.45
Italy	33.10	16.30
Netherlands	166.50	72.80
Norway	242.70	115.40
Poland (1946)	5.85	5.55
Portugal	45.75	20.85
Spain (1946)	11.05	9.50
Sweden	212.00	131.55
Switzerland	245.85	166.65
United Kingdom	146.00	97.45
ASIA		
Burma[3]	9.55	8.20
Ceylon	42.20	39.00
China	1.40	0.50
India[1]	3.05	2.90
Indochina (1946)	1.65	3.65
Indonesia	4.05	1.80
Malaya	110.50	104.65
Philippines	26.90	13.90
Turkey	12.75	11.65
OCEANIA		
Australia[2]	97.15	131.35
New Zealand	227.55	225.70
AFRICA		
Algeria	42.50	33.15
Egypt	22.05	19.45
Morocco	30.50	16.75
Rhodesia, Southern (1946)	45.90	37.25
Tunisia	46.45	15.85
Union of South Africa (1946)	76.30	32.70

[1] Year ended March 31.
[2] Year ended June 30.
[3] Year ended September 30.

APPENDIX C

WEIGHTS AND MEASURES

In all the tables in this Yearbook the measures of quantity are as follows, unless indicated otherwise: Gallon, the United States gallon of 231 cubic inches; pound, the avoirdupois pound of 7,000 grains and the hundredweight of 100 pounds. In most tables expressed in tons either the long ton of 2,240 pounds or the short ton of 2,000 pounds is used (the basis being specified), but in some cases foreign statistics expressed in metric tons of 2,204.6 pounds are left without conversion.

Number of pounds to the bushel: Wheat, beans, and potatoes, 60 pounds; onions, 57 pounds; barley and buckwheat, 48 pounds; corn, rye, and flaxseed, 56 pounds; oats, 32 pounds; malt, 34 pounds.

Number of pounds to the barrel: Wheat flour, barley flour, rye flour, and corn meal, 196 pounds; cement, 376 pounds; rosin, tar, and pitch, gross, 500 pounds; fish, pickled, net, 200 pounds; lime, net 200 pounds.

In measuring vessel capacity the terms "gross" and "net tonnage" refer to space measurement, 100 cubic feet being called 1 ton. Gross tonnage is the capacity of the entire space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, storage, passengers, or crew, with certain minor exemptions. Net or registered tonnage is what remains after deducting from the gross tonnage the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship recorded as "entered with cargo" may bear little relation to actual weight of cargo.

METRIC SYSTEM

METRIC UNITS WITH UNITED STATES EQUIVALENTS

1 meter (m.) = 39.37 inches = 3.2808 feet = 1.0936 yards.
1 centimeter (cm.) = 0.01 m. = 0.3937 inch.
1 kilometer (km.) = 1,000 m. = 0.62137 mile.
1 square meter ($m.^2$) = 10.7639 square feet = 1.19598 square yards.
1 hectare (ha.) = 10,000 $m.^2$ = 2.471 acres.
1 square kilometer ($km.^2$) = 100 ha. = 0.3861 square mile.
1 cubic centimeter (cc.) = 0.061023 cubic inch.
1 cubic meter ($m.^3$) = 35.3144 cubic feet = 1.3079 cubic yards = 423.7734 board feet.
1 liter, liquid = 1.0567 quarts.
1 liter of water = 1 kg. = 2.2046 pounds.
1 liter, dry = 0.9081 quart.
1 hectoliter, liquid (hl.) = 100 liters = 26.418 gallons.
1 hectoliter, dry (hl.) = 100 liters = 2.8378 bushels.
1 gram (gm.) = 15.4324 grains = 0.03527 avoirdupois ounce.
1 hectogram (hg.) = 100 gm. = 3.215 troy ounces.
1 kilogram (kg.) = 1,000 gm. = 2.2046 pounds.
1 metric quintal (q.); in Germany, doppelzentner (dz.) = 100 kg. = 220.46 pounds.
1 metric ton = 1,000 kg. = 0.98421 long ton (1.1023 short tons).

UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch = 2.540 centimeters.
1 foot = 0.3048 meter.
1 yard = 0.9144 meter.
1 mile = 1.6093 kilometers.
1 square yard = 0.8361 square meter.
1 acre = 0.4047 hectare.
1 square mile = 259 hectares = 2.590 square kilometers.
1 cubic inch = 16.3872 cubic centimeters.
1 cubic foot = 0.0283 cubic meter.
1 cubic yard = 0.7646 cubic meter.

1 board foot = 0.0023597 cubic meter.
1 liquid quart = 0.9463 liter.
1 gallon = 3.7853 liters.
1 bushel (measured) = 35.2383 liters.
1 avoirdupois ounce = 28.3495 grams.
1 troy ounce = 31.1035 grams.
1 pound = 0.4536 kilogram.
1 long ton = 1.01605 metric tons.
1 short ton = 0.90718 metric ton.

GRAIN MEASURES

1 metric quintal of 100 kilograms (one-tenth metric ton) equals:
3.67437 bushels of 60 pounds (wheat, beans, peas, potatoes).
3.93683 bushels of 56 pounds (rye, corn, or maize, linseed).
4.59296 bushels of 48 pounds (barley).
6.88944 bushels of 32 pounds (oats).
4.89916 bushels of 45 pounds (rough rice).
10.0210 bushels of 22 pounds (peanuts, green, in shell).

CENTRAL AND LATIN AMERICA [1]

1 Spanish quintal = 100 Castilian pounds = 46.01 kg. = 101. 43 avoirdupois pounds.

COMMONWEALTH COUNTRIES

1 great hundred = 120 pieces.
1 imperial bushel = 1.03206 United States bushels.
1 quarter = 8.25647 United States bushels.
1 imperial gallon = 1.20095 United States gallons.
1 British proof gallon = 1.37053 United States proof gallons.
1 tun (United Kingdom) = 302.6 United States gallons.
1 tun (Newfoundland) = 307.4 United States gallons.
1 standard = 165 cubic feet of lumber.
1 load = 50 cubic feet of wood.
1 cubic ton (India) = 50 cubic feet.
1 cental = 100 pounds.
1 hundredweight (cwt) = 112 pounds. (Canada, 100 pounds.)
1 quintal, fish (Newfoundland) = 112 pounds.
1 picul (Singapore) = 133.3 pounds.
1 morgen (Union of South Africa) = 2.116 acres.

GREECE [1]

1 Ionian pound = 1 avoirdupois pound.
1 Venetian pound (great) = 480 gm. = 1.0582 pounds.
1 oke (old) = 1.28 kg. = 2.822 pounds.
1 stremma = 0.10 ha. = 0.2471 acre.

UNION OF SOVIET SOCIALIST REPUBLICS [1]

1 arshin = 28 inches.
1 sazhen = 7 feet.
1 versta = 500 sazhens = 0.6629 mile.
1 dessiatina = 2.6997 acres.
1 vedro = 3.249 United States gallons.
1 chetvert = 5.9568 United States bushels.
1 pood = 40 funts = 36.1128 pounds.
1 berkovets = 10 poods = 361.128 pounds.

See footnote at end of table.

MALAYA

1 chupak = 1 quart.
1 gantang = 1 gallon.
1 tahil = 1.33 ounces.
1 kati = 1.33 pounds
1 picul = 133.3 pounds.
1 koyan = 5,333.3 pounds
2 jengkals = 1 hasta = 1.5 feet.
2 hastas = 1 ela = 3 feet.
2 elas = 1 depa = 1 fathom or 6 feet.
4 square depas = 1 square jemba = 144 square feet.
400 square jembas = 1.33 acres.
1,000 square depas = 1 acre (Kelantan)

PHILIPPINES [1]

1 picul = 100 catties = 63.25 kg = 139.44 pounds.

THAILAND [1]

1 rai = 0.395 acre.
1 picul = 100 catties = 60.48 kg. = 133.3 pounds.

CHINA

1 chih = 1.0936 feet.
1 li = 0.3107 miles.
1 litre (Shih Sheng) = 0.2200 British gallons.
1 litre (Shih Sheng) = 0.2642 United States gallons (liquid).
1 litre (Shih Sheng) = 0.2270 United States gallons (dry).
1 chih (new catty) = 0.500 kilogram.
1 chin (new catty) = 1.1023 pounds.
1 shih mow = 0.1647 acre.
1 picul (new scale) = 110.23 pounds.
1 picul (old scale) = 133.3 pounds.
1 catty (new scale) = 1.1023 pounds.
1 catty (old scale) = 1.333 pounds.

JAPAN [1]

1 ri = 2.4403 miles.
1 tsubo = 3.9536 square yards = 0.000817 acre.
1 cho = 10 tan = 3,000 tsubo = 2.4507 acres.
1 koku (liquid) = 47.6539 United States gallons; (dry) = 5.1190 United States bushels.
1 picul = 100 kin = 60 kg. = 132.28 pounds.
1 kwan = 1,000 momme = 8.2673 pounds.
1 momme = 0.1206 troy ounce.

KOREA

1 kin (Japanese) = 1 kun (Korean) = 1.3228 pounds.
1 kwan (Korean or Japanese) = 8.2673 pounds.
1 koku (Japanese) = 1 suk (Korean) = 150 kilograms = 330.69 pounds.
1 cho (Japanese) = tyobu (Korean) = 1 chungbo (Korean) = 2.4507 acres.

EGYPT

1 feddan = 1.038 acres.
1 ardeb = 5.6186 United States bushels.
1 cantar = 99.048 pounds.

[1]Metric system in general use. Units shown are unofficial units still in common use.

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